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AUTOMATIC COUNTERS

1985

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MONTANA

AUTOMATIC COUNTERS

1985

Prepared by the

State of Montana Department of Highways

Planning and Statistics Bureau

In cooperation with

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

BUREAU OF PUBLIC ROADS

BRITISH COLUMBIA
ALBERTA
SASKATCHEWAN
DOMINION OF CANADA
GLACIER NATIONAL PARK
LINCOLN
FLATHEAD
SANDERS
LAKE
MINERAL
MISSOULA
RAVALLI
GLACIER
TOOLE
PONDERA
TETON
LIBERTY
HILL
BLAINE
PHILLIPS
VALLEY
DANIELS
SHERIDAN
ROOSEVELT
CHOUTEAU
Great Falls
LEWIS AND CLARK
CASCADE
JUDITH BASIN
FERGUS
PETROLEUM
GARFIELD
McCONE
RICHLAND
DAWSON
WIBAUX
PRAIRIE
MISSOULA
LEWISTOWN
GRANITE
POWELL
DEER LODGE
ANACONDA
JEFFERSON
BUTTE
SILVER BOW
BEAVERHEAD
MADISON
GALLATIN
BROADWATER
MEAGHER
WHEATLAND
GOLDEN VALLEY
MUSSELSHELL
ROSEBUD
TREASURE
CUSTER
FALLON
YELLOWSTONE
STILLWATER
SWEET GRASS
BIG HORN
POWDER RIVER
CARTER
CARBON
PARK
Helena
Bozeman
Billings
Havre
Miles City
Glendive
Missoula
Kalispell
Lewistown
Livingston
Red Lodge
Virginia City
Ennis
Lima
YELLOWSTONE NATIONAL PARK
GORY
PERMANENT COUNTER LOCATIONS
Interstate
Primary
Secondary
Urban
Off System
LEGEND
Federal-aid Systems
Federal-aid Interstate and number
Federal-aid Primary and number
Federal-aid Secondary and number
Forest Highway Routes
Forest Highway Route and Class on FAP System
Forest Highway Route and Class on FAS System
State Capital
County Seats
Other Cities or Communities
Urbanized
Financial District Number
Financial District Bdry.
Small Urban
Billings
Havre
MONTANA
FEDERAL-AID SYSTEMS
INTERSTATE - PRIMARY - SECONDARY
AND
FOREST HIGHWAY ROUTES
PREPARED BY THE
STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
SCALE
Systems Revised Nov 17, 1978
Systems Approved July 1, 1976

INTRODUCTION

This report contains a brief, concise summary of traffic patterns at each permanent traffic counter that was in operation during the year 1985. The traffic volumes for each month and day of the week are compared to average daily traffic for the year. A total of 52 automatic traffic counters were in operation during 1985.

At each recorder the highest, the 10th, the 20th, the 30th, the 40th and the 50th highest hours that occured during each year are shown as a computed percentage figure of the average daily traffic. These are compared to the previous fourteen years and 1941 and 1961 as to stability and accuracy.

The 52 counters are distributed to the Highways System as follows:

10 on Interstate Principal Arterial Rural
16 on Primary Principal Arterial Rural
3 on Primary Principal Arterial Urban
8 on Primary Minor Arterial Rural
1 on FAU Principal Arterial
3 on FAU Minor Arterial
4 on FAS Major Collector
2 on Off System Collector Urban
4 on Off System Major Collector Rural
1 on Off System Minor Collector Rural

30TH. MAXIMUM HOUR

The American Association of Highway officials decided it was not practical to design for the average daily traffic or the highest traffic that occurs during the year. If highways are designed for the average daily traffic, there would be times when the movement of vehicles would surge far above the average. If designed for the highest traffic volume, such conditions would occur only once or twice a year. Upon thorough investigation, it was agreed that the 30th. highest hour would be a feasible traffic volume for design purposes. This particular hour is known as the Design Hour Volume, or the 30th maximum hour, and was to be used as the criterion for the design of the "National System of Interstate Highways". It is also now used in the design of Primary and Secondary Highways in Montana.

AUTOMATIC RECORDER DATA BY MONTHS

YEAR 1985

STATION A-1

LOCATION I-90 - 10.0 miles E. of Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cors 55.0 % Pickups 19.1% Commercial 16.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3,202	3,236	3,168	3,520	3,572	4,088	3,615	3,479	3,504	99.29	63.46
February	3,508	3,584	3,410	3,607	3,850	4,240	3,649	3,692	3,738	98.77	67.35
March	4,584	4,009	3,997	4,122	4,388	5,080	4,434	4,405	4,355	101.15	80.35
April	5,233	4,680	4,483	4,635	4,908	5,845	4,953	4,937	4,880	101.17	90.06
Moy	6,014	5,635	5,274	5,202	5,519	6,825	5,995	5,787	5,711	101.33	105.56
June	7,876	6,886	6,825	7,144	7,343	8,462	7,585	7,465	7,332	101.81	136.17
July	8,732	7,859	7,618	8,106	8,018	8,731	8,180	8,147	8,040	101.33	148.62
August	8,583	7,733	7,571	7,550	7,944	9,074	8,305	8,141	8,023	101.47	148.50
September	6,469	6,232	6,234	6,142	6,244	7,034	6,329	6,381	6,370	100.17	116.40
October	5,527	4,463	4,518	4,813	5,108	6,345	5,573	5,156	5,019	102.73	94.05
November	4,068	3,673	3,930	4,482	4,066	4,685	4,234	4,182	4,192	99.76	76.29
December	4,318	3,758	3,552	3,403	3,971	4,545	4,636	4,012	3,828	104.81	73.19
Daily average for year	5,676	5,146	5,048	5,227	5,411	6,246	5,624	5,482	5,416	101.22	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-1
Functional Class Principal Arterial

Route I-90, East of Missoula
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1251	290	23.2	216	17.3	196	15.7	195	15.6				
1961	2238	390	17.4	290	12.9	283	12.6	279	12.5	267	11.9	164	11.7
1971	3596	540	15.0	487	13.5	470	13.1	460	12.8	456	12.7	454	12.6
1972	3983	609	15.3	555	13.9	536	13.4	521	13.1	514	12.9	509	12.8
1973	4241	621	14.6	555	13.9	543	12.8	537	12.6	531	12.5	525	12.4
1974	4336	615	14.2	581	13.4	564	13.0	557	12.8	551	12.7	541	12.5
1975	4234	616	14.5	580	13.7	562	13.3	555	13.1	550	13.0	545	12.9
1976	4757	696	14.6	621	13.1	608	12.8	598	12.6	590	12.4	582	12.2
1977	5271	748	14.2	693	13.1	681	12.9	673	12.8	668	12.7	660	12.5
1978	5410	774	14.3	692	12.8	671	12.4	658	12.2	650	12.0	644	11.9
1979	5121	684	13.4	615	12.0	586	11.4	578	11.3	568	11.1	563	11.0
1980	4840	691	14.3	636	13.1	612	12.6	604	12.5	596	12.3	589	12.2
1981	5137	983	19.1	659	12.8	649	12.6	639	12.4	630	12.3	628	12.2
1982	5091	767	15.1	712	14.0	677	13.3	663	13.0	648	12.7	641	12.6
1983	5394	786	14.6	709	13.1	691	12.8	685	12.7	676	12.5	670	12.4
1984	5556	793	14.3	724	13.0	712	12.8	702	12.6	692	12.5	686	12.4
1985	5482	810	14.8	731	13.3	706	12.9	692	12.6	678	12.4	669	12.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-2
LOCATION U.S. 12 & 287 - 9.0 Miles E. of Helena

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 53.4 % Pickups 28.6% Commercial 10.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2,363	2,091	1,925	2,114	2,226	2,839	2,411	2,263	2,220	101.94	75.66
February	2,311	2,158	1,989	1,993	2,100	2,419	2,216	2,169	2,132	101.74	72.53
March	2,699	2,109	2,034	2,121	2,336	2,912	2,427	2,406	2,331	103.22	80.45
April	3,091	2,461	2,183	2,212	2,486	3,128	2,684	2,587	2,479	104.36	86.51
May	3,983	3,378	2,917	2,783	2,972	4,172	3,883	3,428	3,253	105.38	114.63
June	4,165	3,488	3,371	3,462	3,681	4,557	3,975	3,831	3,712	103.21	128.10
July	4,432	3,802	3,632	3,924	4,045	4,575	4,004	4,033	3,968	101.64	134.86
August	4,455	3,667	3,487	3,626	3,732	4,470	3,954	3,926	3,824	102.67	131.28
September	3,381	3,159	3,060	2,991	3,094	3,768	3,367	3,261	3,212	101.53	109.04
October	3,489	2,530	2,458	2,636	2,972	3,984	3,587	3,054	2,886	105.82	102.12
November	2,470	2,217	2,414	2,609	2,491	3,042	2,572	2,562	2,578	99.38	85.67
December	2,296	2,377	2,190	2,079	2,376	2,729	2,579	2,367	2,344	100.98	79.15
Daily average for yeor	3,261	2,786	2,638	2,713	2,793	3,550	3,138	2,991	2,912	102.71	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-2
Functional Class Principal Arterial

Route U.S. 12, East of East Helena
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1820	276	15.2	258	14.2	251	13.8	246	13.5	242	13.3	238	13.1
1971	2651	463	17.5	414	15.6	399	15.1	385	14.5	375	14.1	369	13.9
1972	2900	513	17.7	452	15.6	425	14.7	412	14.2	402	13.9	395	13.6
1973	3046	519	17.0	474	15.6	443	14.5	422	13.9	410	13.5	405	13.3
1974	2997	507	16.9	445	14.8	425	14.2	414	13.8	406	13.5	398	13.3
1975	2974	531	17.9	473	15.9	455	15.3	444	14.9	433	14.6	422	14.2
1976	3357	519	15.5	475	14.2	448	13.3	440	13.1	426	12.7	417	12.4
1977	3614	610	16.9	515	14.3	490	13.6	473	13.1	464	11.8	457	12.6
1978	New Alignment												
1979	2733	442	16.2	411	15.0	379	13.9	365	13.4	358	13.1	350	12.8
1980	2574	432	16.8	375	14.6	355	13.8	345	13.4	336	13.1	331	12.9
1981	2803	477	17.0	405	14.4	390	13.9	379	13.5	373	13.3	367	13.1
1982	2879	455	15.8	429	14.9	405	14.1	393	13.7	387	13.4	385	13.3
1983	3186	581	18.2	494	15.5	449	14.0	427	13.4	417	13.1	405	12.7
1984	3087	601	19.5	435	14.1	413	13.4	398	12.9	389	12.6	382	12.4
1985	2991	544	18.2	452	15.1	416	13.9	408	13.6	395	13.2	388	13.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-5

LOCATION MT 7 - 1.0 Mile S. of Wibaux

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 38.3 % Pickups 34.8% Commercial 26.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	393	501	459	482	467	556	463	474	490	96.73	74.23
February	420	481	551	603	597	565	493	530	559	94.81	83.00
March	481	551	559	620	516	595	528	549	569	96.49	85.96
April	667	674	660	692	658	725	708	682	680	100.29	106.80
May	718	618	728	760	734	787	890	749	730	102.60	117.29
June	885	688	706	785	715	837	866	789	746	105.76	123.56
July	843	761	745	731	734	777	691	754	749	100.67	118.07
August	1,213	759	760	765	734	888	1,019	877	784	111.86	137.34
September	577	617	623	628	638	671	666	629	635	99.06	98.50
October	589	653	616	630	632	762	729	656	654	100.31	102.73
November	459	487	510	577	501	600	474	517	538	96.10	80.96
December	423	409	490	495	430	470	496	457	458	99.78	71.56
Daily average for year	639	600	617	647	613	686	668	639	633	100.95	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-5
Functional Class Minor Arterial

Route Montana 7, South of Wibaux
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	219	50	22.8	37	16.9	34	15.5	33	15.1				
1961	541	102	18.8	74	13.7	68	12.6	65	12.0	63	11.6	62	11.5
1971	577	258	44.7	173	30.0	145	25.1	112	19.4	99	17.2	88	15.3
1972	581	254	43.7	164	28.2	135	23.2	114	19.6	94	16.2	82	14.1
1973	577	195	33.8	157	27.2	118	20.5	101	17.5	95	16.5	87	15.1
1974	573	256	44.7	160	17.9	135	23.6	103	18.0	96	16.8	89	15.5
1975	565	273	48.3	154	27.3	125	22.1	110	19.5	99	17.5	91	16.1
1976	655	262	40.0	173	26.4	142	21.7	113	17.3	104	15.9	96	14.7
1977	655	191	29.2	136	20.8	120	18.3	109	16.6	102	15.6	94	14.4
1978	691	247	35.7	151	21.9	134	19.4	121	17.5	112	16.2	103	14.9
1979	651	256	39.3	169	26.0	145	22.3	132	20.3	120	18.4	112	17.2
1980	685	230	33.6	169	24.7	148	21.6	137	20.0	120	17.5	112	16.4
1981	863	255	29.5	181	21.0	145	16.8	125	14.5	114	13.2	108	12.5
1982	Out due to construction												
1983		479		223		185		157		138		127	
1984	670	304	45.4	177	26.4	130	19.4	113	16.9	105	15.7	95	14.2
1985	639	281	44.0	168	26.3	118	18.5	102	16.0	88	13.8	82	12.8

AUTOMATIC RECORDER DATA BY MONTHS

YEAR 1985

STATION A-6

LOCATION FAS 288 - 0.5 mile S. of Manhattan

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 52.6 % Pickups 33.1% Commercial 9.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	354	473	445	484	551	524	465	473	495	95.56	88.59
February	376	459	502	516	539	495	476	480	502	95.62	89.90
March	438	573	577	537	625	628	525	555	590	94.07	103.96
April	499	659	649	647	655	612	650	626	645	97.05	117.25
May	555	674	716	688	655	722	624	665	691	96.24	124.55
June	489	612	588	598	587	657	578	583	608	95.89	109.19
July	478	644	594	658	575	607	667	606	618	98.06	113.50
August	484	578	597	575	588	582	540	564	584	96.58	105.63
September	372	470	488	488	503	541	495	476	497	95.77	89.15
October	379	434	456	470	519	485	495	464	474	97.89	86.90
November	347	492	476	499	479	498	426	460	489	94.07	86.16
December	357	483	455	450	483	524	450	455	478	95.19	85.22
Daily average for year	427	546	545	551	563	573	533	534	556	96.04	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-6
Functional Class Major Collector

Route FAS 288, South of Manhattan
Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	255	90	35.3	50	19.6	44	17.3	42	16.5				
1961	328	144	43.9	64	19.5	51	15.5	47	14.3	45	13.7	43	13.1
1971	389	97	14.9	67	17.2	56	14.4	52	13.4	50	12.9	49	12.6
1972	380	72	24.2	58	15.3	53	13.9	51	13.4	48	12.6	48	12.6
1973	412	111	26.9	69	16.7	58	14.1	56	13.6	54	13.1	52	12.6
1974	386	90	23.3	64	16.6	56	14.5	53	13.7	51	13.2	50	13.0
1975	413	131	31.7	64	15.5	57	13.8	55	13.3	53	12.8	52	12.6
1976	444	88	19.8	62	14.0	58	13.1	57	12.8	55	12.4	54	12.2
1977	467	99	21.2	69	14.8	63	13.5	60	12.8	58	12.4	57	12.2
1978	492	110	22.4	74	15.0	65	13.2	63	12.8	61	12.4	60	12.2
1979	539	94	17.4	70	13.0	67	12.4	65	12.1	63	11.7	62	11.5
1980	513	92	17.9	70	13.6	63	12.3	61	11.9	60	11.7	59	11.5
1981	496	105	21.2	73	14.7	66	13.3	63	12.7	61	12.3	59	11.9
1982	505	92	18.2	78	15.4	69	13.7	65	12.9	63	12.5	61	12.1
1983	509	89	17.5	73	14.3	67	13.2	64	12.6	62	12.2	60	11.8
1984	564	136	24.1	99	17.6	79	14.0	73	12.9	71	12.6	69	12.2
1985	534	128	24.0	84	15.7	75	14.0	69	12.9	67	12.5	65	12.2

AUTOMATIC RECORDER DATA BY MONTHS

YEAR 1985

STATION A-7

LOCATION I-15 - 2.5 miles N. of Wolf Creek

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 56.0 % Pickups 24.0% Commercial 16.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,874	1,578	1,544	1,687	1,734	2,230	1,948	1,785	1,742	102.47	73.16
February	2,048	1,978	1,759	1,865	1,950	2,406	2,088	2,013	1,992	101.05	82.51
March	2,506	1,812	1,885	1,972	2,085	2,639	2,259	2,195	2,105	104.28	89.96
April	2,889	2,299	2,136	2,278	2,418	3,080	2,682	2,519	2,422	104.00	103.24
May	2,958	2,526	2,172	2,117	2,333	3,224	2,957	2,607	2,485	104.91	106.85
June	3,436	2,564	2,441	2,623	2,769	3,558	3,182	2,964	2,791	106.20	121.49
July	3,994	2,965	2,786	3,066	2,821	3,565	3,336	3,192	3,027	105.45	130.83
August	3,672	2,844	2,678	2,862	2,958	3,696	3,332	3,166	3,037	104.25	129.76
September	2,860	2,577	2,368	2,368	2,494	3,111	2,735	2,649	2,583	102.56	108.58
October	2,567	1,832	1,960	2,184	2,287	3,166	2,860	2,382	2,267	105.07	97.63
November	1,822	1,585	1,693	2,041	1,857	2,219	1,899	1,886	1,895	99.53	77.30
December	2,040	1,737	1,656	1,663	1,908	2,266	2,253	1,920	1,832	104.80	78.69
Daily average for year	2,722	2,191	2,090	2,227	2,301	2,930	2,628	2,440	2,348	103.92	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-7
Functional Class Principal Arterial

Route I-15, North of Wolf Creek
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	534	129	24.2	108	20.2	97	18.2	93	17.4				
1961	1096	176	16.1	157	14.3	148	13.5	143	13.0	139	12.7	136	12.4
1971	1647	338	20.5	259	15.7	250	15.2	246	14.9	238	14.5	232	14.1
1972	1792	358	20.0	307	17.1	281	15.7	268	15.0	257	14.3	247	13.8
1973	1795	347	19.3	303	16.9	288	16.0	276	15.4	262	14.6	255	14.2
1974	1796	373	20.8	295	16.4	282	15.7	258	14.4	249	13.9	245	13.6
1975	Counter out due to mechanical failure												
1976	2035	366	18.0	313	15.4	300	14.7	288	14.2	277	13.6	270	13.3
1977	2167	421	19.4	353	16.3	333	15.4	319	14.7	311	14.4	303	14.0
1978	2266	396	17.5	348	15.4	325	14.3	312	13.8	307	13.5	301	13.3
1979	2112	456	21.6	370	17.5	309	14.6	297	14.1	292	13.8	284	13.4
1980	2048	406	19.8	318	15.5	290	14.2	273	13.3	268	13.1	266	13.0
1981	2169	434	20.0	333	15.4	304	14.0	297	13.7	290	13.4	285	13.1
1982	2173	433	19.9	351	16.2	321	14.8	315	14.5	308	14.2	297	13.7
1983	2364	466	19.7	358	15.1	342	14.5	331	14.0	322	13.6	316	13.4
1984	2331	447	19.2	355	15.2	329	14.1	319	13.7	314	13.5	307	13.2
1985	2440	380	15.6	356	14.6	345	14.1	336	13.8	329	13.5	325	13.3

AUTOMATIC RECORDER DATA BY MONTHS

YEAR 1985

STATION A-8

LOCATION U.S. 93 - 0.5 mile S. of Ravalli

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 51.4 % Pickups 26.9 % Commercial 15.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2,466	2,904	2,810	3,101	3,187	3,800	3,200	3,064	3,144	97.46	71.31
February	2,778	3,111	3,124	3,180	3,516	3,662	3,058	3,204	3,318	96.56	74.56
March	3,508	3,521	3,571	3,683	3,699	4,374	4,021	3,788	3,798	99.74	88.15
April	4,106	3,806	3,689	3,791	3,896	4,735	4,271	4,022	3,962	101.51	93.60
May	4,855	4,332	4,052	4,082	4,322	5,432	5,009	4,586	4,466	102.69	106.73
June	5,446	5,046	4,822	4,952	5,164	6,186	5,270	5,275	5,234	100.78	122.76
July	7,272	6,068	5,737	6,339	6,085	7,302	6,690	6,455	6,273	102.90	150.22
August	6,386	6,038	5,692	5,747	6,107	7,018	6,113	6,182	6,161	100.34	143.87
September	4,677	4,806	4,599	4,633	4,778	5,712	4,937	4,868	4,901	99.33	113.29
October	4,053	3,762	3,926	4,047	4,323	5,237	4,672	4,270	4,238	100.76	99.37
November	3,039	3,288	3,399	3,772	3,482	4,057	3,469	3,518	3,621	97.16	81.87
December	2,897	3,389	3,241	3,047	3,499	3,981	3,469	3,342	3,421	97.69	77.78
Daily average for year	4,290	4,173	4,055	4,190	4,338	5,125	4,515	4,297	4,378	98.15	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-8
Functional Class Principal Arterial

Route U.S. 93, South of Ravalli
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	848	378	44.6	200	23.6	167	19.7	153	18.0				
1961	1811	527	29.1	305	16.8	281	15.5	271	15.0	262	14.5	250	13.8
1971	2922	551	18.9	462	15.8	425	14.5	414	14.2	407	13.9	396	13.6
1972	3258	521	16.0	473	14.5	456	14.0	447	13.7	435	13.4	428	13.1
1973	3481	508	14.6	464	13.3	445	12.8	440	12.6	430	12.4	425	12.2
1974	3384	508	15.0	471	13.9	459	13.6	446	13.2	437	13.0	431	12.7
1975	3401	571	16.8	505	14.8	480	14.1	471	13.8	464	13.6	458	13.5
1976	3673	602	16.4	545	14.8	517	14.1	506	13.8	496	13.5	489	13.3
1977	3879	746	19.2	582	15.0	553	14.3	534	13.8	526	13.6	517	13.3
1978	4026	655	16.3	578	14.4	565	14.0	552	13.7	540	13.4	532	13.2
1979	3952	630	15.9	561	14.2	530	13.4	516	13.1	504	12.8	496	12.6
1980	3869	678	17.5	574	14.8	548	14.2	514	13.3	508	13.1	499	12.9
1981	3932	638	16.2	553	14.1	529	13.5	515	13.1	510	13.0	502	12.8
1982	3913	774	19.8	592	15.1	564	14.4	540	13.8	526	13.4	518	13.2
1983	4336	705	16.3	604	13.9	582	13.4	566	13.1	554	12.8	548	12.6
1984	4442	641	14.4	590	13.3	564	12.7	553	12.5	546	12.3	538	12.1
1985	4297	662	15.4	601	14.0	578	13.5	565	13.1	553	12.9	547	12.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-9

YEAR 1985

LOCATION I-15 - 7.0 miles W. of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 67.3 % Pickups 17.8% Commercial 13.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3,582	4,196	3,883	4,271	4,364	5,242	4,413	4,268	4,363	97.82	80.35
February	3,570	4,282	4,315	4,391	4,631	4,871	4,305	4,338	4,498	96.44	81.66
March	4,302	4,699	4,795	4,768	4,924	5,593	4,674	4,826	4,986	96.79	90.85
April	4,894	5,413	5,149	5,248	5,497	6,285	5,250	5,384	5,497	97.94	101.36
May	5,420	5,529	5,440	5,313	5,722	6,611	5,880	5,719	5,743	99.58	107.66
June	5,795	5,997	5,836	5,829	6,155	6,964	5,809	6,038	6,156	98.08	113.66
July	6,571	6,694	6,505	6,737	6,322	7,234	6,286	6,624	6,691	99.00	124.70
August	5,959	6,440	6,274	6,334	6,587	7,440	6,436	6,527	6,651	98.14	122.87
September	4,774	5,431	5,641	5,548	5,549	6,246	5,408	5,486	5,671	96.74	103.28
October	4,603	4,581	4,923	5,262	5,520	6,374	5,603	5,263	5,319	98.95	99.08
November	3,668	4,222	4,409	4,854	4,499	5,321	4,633	4,546	4,692	96.89	85.58
December	3,917	4,912	4,627	4,375	4,850	5,542	5,027	4,725	4,853	97.36	88.95
Daily average for year	4,755	5,200	5,150	5,244	5,385	6,144	5,310	5,312	5,427	97.88	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-9
Functional Class Principal Arterial

Route I-15, West of Great Falls
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1490	277	18.6	224	15.0	207	13.9	195	13.1				
1961	3613	692	19.2	455	12.6	420	11.6	411	11.4	397	11.0	388	10.7
1971	4789	675	14.1	590	12.3	538	11.2	520	10.9	504	10.5	496	10.4
1972	4851	644	13.3	572	11.8	542	11.2	518	10.7	509	10.5	502	10.4
1973	4858	804	16.6	570	11.7	549	11.3	525	10.8	508	10.5	496	10.2
1974	4910	646	13.2	545	11.1	519	10.6	508	10.3	492	10.0	484	9.9
1975	5115	654	12.8	595	11.6	557	10.9	535	10.5	516	10.1	507	9.9
1976	5267	755	14.3	578	11.0	554	10.5	540	10.3	533	10.1	518	9.8
1977	5613	720	12.8	664	11.8	643	11.5	627	11.1	613	10.9	609	10.8
1978	Counter temporarily removed												
1979	Counter back in operation May 25, 1979												
1980	5074	707	13.9	613	12.1	589	11.6	575	11.3	558	11.0	551	10.9
1981	5209	681	13.1	596	11.4	579	11.1	562	10.8	555	10.7	547	10.5
1982	5195	730	14.1	629	12.1	600	11.6	583	11.2	572	11.0	563	10.8
1983	5397	711	13.2	646	12.0	610	11.3	597	11.1	592	11.0	582	10.8
1984	5416	685	12.7	609	11.2	586	10.8	578	10.7	567	10.5	558	10.3
1985	5312	658	12.4	601	11.3	581	10.9	567	10.7	558	10.5	547	10.3

AUTOMATIC RECORDER DATA BY MONTHS

YEAR 1985

STATION A-10
LOCATION U.S. 2 - 2.0 miles E. of Wolf Point

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 48.6 % Pickups 36.9 % Commercial 12.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,119	2,004	1,724	1,918	1,976	2,230	1,596	1,803	1,958	92.08	81.70
February	1,190	1,753	2,049	2,046	2,112	2,269	1,684	1,872	2,046	91.50	84.83
March	1,420	2,160	2,227	2,294	2,395	2,505	1,862	2,104	2,325	90.49	95.34
April	1,510	2,250	2,264	2,280	2,373	2,583	2,025	2,189	2,342	93.47	99.19
May	1,597	2,208	2,546	2,584	2,521	2,798	2,168	2,374	2,545	93.28	107.58
June	1,981	2,666	2,749	2,799	2,931	3,187	2,407	2,642	2,866	92.18	119.72
July	2,114	2,853	2,789	2,936	2,671	3,079	2,469	2,717	2,865	94.83	123.12
August	1,933	2,761	2,601	2,682	2,796	2,986	2,442	2,614	2,777	94.13	118.45
September	1,490	2,228	2,533	2,510	2,472	2,742	2,134	2,272	2,484	91.47	102.95
October	1,341	1,906	2,144	2,356	2,418	2,235	2,028	2,149	2,311	92.99	97.38
November	1,271	1,690	1,974	2,173	1,993	2,361	1,776	1,903	2,054	92.65	86.23
December	1,251	1,940	1,989	1,806	2,046	2,232	1,725	1,843	1,999	92.20	83.51
Daily average for year	1,518	2,202	2,299	2,365	2,392	2,642	2,026	2,207	2,381	92.69	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-10
Functional Class ~~Principal Arterial~~

Route U.S. 2, East of Wolf Point
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	503	176	35.0	102	20.3	72	14.3	64	12.7				
1961	1347	218	16.2	195	14.5	164	12.2	150	11.1	143	10.6	138	10.2
1971	1648	305	18.5	211	12.8	198	12.0	191	11.6	185	11.2	182	11.0
1972	1662	275	16.5	225	13.5	204	12.3	201	12.1	196	11.8	192	11.6
1973	1744	342	19.6	263	15.1	225	12.9	212	12.2	207	11.9	203	11.6
1974	1693	242	14.3	206	12.2	198	11.7	194	11.5	192	11.3	188	11.1
1975	1850	344	18.6	254	13.7	232	12.5	223	12.1	217	11.7	213	11.5
1976	1972	279	14.1	246	12.5	233	11.8	230	11.7	226	11.5	223	11.3
1977	2063	273	13.2	254	12.3	245	11.9	235	11.4	232	11.2	227	11.0
1978	2241	321	14.3	280	12.5	273	12.2	267	11.9	261	11.6	258	11.5
1979	1996	272	13.6	235	11.8	228	11.4	222	11.1	220	11.0	216	10.8
1980	2114	256	12.1	236	11.2	229	10.8	223	10.5	221	10.4	216	10.2
1981	2471	340	13.8	292	11.8	284	11.5	273	11.0	267	10.8	261	10.6
1982	2257	292	12.9	267	11.8	261	11.6	258	11.4	256	11.3	251	11.1
1983	2301	298	13.0	274	11.9	268	11.7	260	11.3	256	11.1	252	11.0
1984	2307	312	13.5	278	12.1	269	11.7	266	11.5	264	11.4	261	11.3
1985	2207	284	12.9	263	11.9	258	11.7	253	11.5	248	11.2	245	11.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-11

YEAR 1985

LOCATION I-90 - 6.0 miles W. of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 55.4 % Pickups 25.4 % Commercial 16.2 %

Month	Average Daily Number of Vehicles										
	Day of Week							Average Day	Average Weekday	Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	8,076	9,756	8,942	9,770	9,858	11,397	9,919	9,659	9,889	97.67	78.28
February	8,970	10,107	10,146	10,210	10,811	11,504	10,378	10,303	10,555	97.61	83.50
March	9,453	10,207	10,238	10,713	10,832	12,412	10,669	10,665	10,953	97.37	86.43
April	11,426	11,972	11,851	11,937	12,067	13,737	11,863	12,108	12,276	98.63	98.13
May	12,178	12,697	12,303	12,383	12,602	14,624	13,014	12,865	12,958	99.28	104.25
June	14,104	14,111	13,980	14,303	14,439	16,140	14,730	14,535	14,595	99.59	117.80
July	15,090	15,059	14,775	15,429	15,186	16,524	15,239	15,305	15,354	99.68	124.04
August	15,009	15,279	14,999	15,234	15,201	16,758	15,319	15,435	15,538	99.34	125.08
September	11,920	13,083	12,981	13,085	13,182	14,257	12,932	13,025	13,306	97.89	105.56
October	11,065	11,304	11,572	12,020	12,453	14,662	12,562	12,213	12,351	98.88	98.98
November	8,904	10,224	10,773	11,576	10,665	12,169	10,468	10,725	11,133	96.34	86.92
December	9,830	11,607	10,884	10,310	11,294	12,939	12,104	11,232	11,392	98.60	91.03
Daily average for year	11,335	12,117	11,954	12,248	12,383	13,927	12,433	12,339	12,525	98.51	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-11
Functional Class Principal Arterial

Route I-90, West of Billings
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	2913	564	19.4	423	14.5	388	13.2	370	12.7				
1961	Under construction												
1971	7638	927	12.1	835	10.9	799	10.5	781	10.2	771	10.1	762	10.0
1972	8299	949	11.4	911	11.0	872	10.5	860	10.4	843	10.2	833	10.0
1973	8732	1131	13.0	1018	11.7	982	11.2	942	10.8	923	10.6	906	10.4
1974	8611	1091	12.7	948	11.0	913	10.6	897	10.4	884	10.3	871	10.1
1975	9161	1151	12.6	1073	11.7	1031	11.3	999	10.9	979	10.7	971	10.6
1976	10143	1427	14.1	1129	11.1	1093	10.8	1069	10.5	1054	10.4	1047	10.3
1977	10646	1358	12.8	1195	11.2	1150	10.8	1130	10.6	1109	10.4	1098	10.3
1978	11292	1485	13.2	1259	11.1	1220	10.8	1194	10.6	1183	10.5	1166	10.3
1979	11112	1443	13.0	1170	10.5	1126	10.1	1109	10.0	1093	9.8	1079	9.7
1980	10367	1242	12.0	1140	11.0	1088	10.5	1062	10.2	1040	10.0	1018	9.8
1981	10948	1291	11.8	1185	10.8	1143	10.4	1117	10.2	1095	10.0	1081	9.9
1982	11331	1368	12.1	1232	10.9	1201	10.6	1174	10.4	1153	10.2	1137	10.0
1983	11648	1455	12.5	1264	10.9	1214	10.4	1199	10.2	1175	10.1	1156	9.9
1984	12248	1540	12.6	1328	10.8	1280	10.5	1261	10.3	1230	10.0	1217	9.9
1985	12339	1561	12.7	1344	10.9	1315	10.7	1283	10.4	1258	10.2	1239	10.0

AUTOMATIC RECORDER DATA BY MONTHS

YEAR 1985

STATION A-12
LOCATION U.S. 87 & MT 200 - 6.0 miles W. of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 45.9 % Pickups 29.7% Commercial 18.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,023	1,337	1,067	1,265	1,298	1,596	1,147	1,244	1,299	95.77	73.22
February	1,078	1,299	1,347	1,360	1,396	1,309	1,081	1,267	1,342	94.41	74.57
March	1,305	1,347	1,397	1,415	1,333	1,578	1,241	1,374	1,422	96.62	80.87
April	1,506	1,675	1,644	1,576	1,674	1,943	1,441	1,638	1,699	96.41	96.40
Moy	1,726	1,827	1,813	1,765	1,833	2,188	1,816	1,860	1,891	98.36	109.47
June	2,007	2,026	1,990	1,992	2,113	2,395	1,866	2,048	2,103	97.38	120.54
July	2,238	2,229	2,097	2,209	2,062	2,488	2,020	2,190	2,212	99.01	128.88
August	1,917	2,147	2,031	2,011	2,092	2,397	1,942	2,083	2,145	97.11	122.60
September	1,590	1,895	2,020	1,952	1,948	2,128	1,652	1,874	1,984	94.46	110.29
October	1,662	1,697	1,870	2,031	2,093	2,456	2,038	1,980	2,025	97.78	116.53
November	1,156	1,373	1,490	1,620	1,440	1,821	1,406	1,482	1,561	94.94	87.22
December	1,097	1,436	1,407	1,178	1,387	1,639	1,324	1,349	1,410	95.67	79.40
Daily average for year	1,525	1,691	1,681	1,698	1,722	1,995	1,581	1,699	1,738	96.64	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-12
Functional Class Principal Arterial

Route U.S. 87 & Mont. 200, West of Lewistown
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	637	120	18.8	97	15.2	90	14.1	84	13.2				
1961	1491	194	13.0	172	11.5	167	11.2	163	10.9	161	10.8	158	10.6
1971	1498	315	21.0	181	12.1	171	11.4	165	11.0	162	10.8	160	10.7
1972	1458	352	24.1	267	18.3	212	14.5	186	12.8	177	12.1	170	11.7
1973	1647	262	15.9	235	14.3	215	13.1	203	12.3	198	12.0	191	11.6
1974	1619	251	15.5	190	11.7	177	10.9	174	10.7	172	10.6	168	10.4
1975	1548	329	21.3	217	14.0	194	12.5	186	12.0	180	11.6	170	11.5
1976	1590	283	17.8	209	13.1	194	12.2	188	11.8	185	11.6	182	11.4
1977	1656	246	14.9	209	12.6	199	12.0	193	11.7	190	11.5	186	11.2
1978	1910	296	15.5	266	13.9	252	13.2	241	12.6	235	12.3	230	12.0
1979	1777	302	17.0	217	12.2	208	11.7	200	11.3	197	11.1	195	11.0
1980	1648	264	16.0	211	12.8	201	12.2	194	11.8	190	11.5	187	11.3
1981	1698	247	14.5	215	12.7	201	11.8	200	11.7	195	11.5	191	11.2
1982	1655	245	14.8	214	12.9	204	12.3	199	12.0	196	11.8	193	11.7
1983	1702	276	16.2	216	12.7	207	12.2	200	11.8	197	11.6	195	11.5
1984	1725	233	13.5	216	12.5	205	11.9	201	11.7	197	11.4	194	11.3
1985	1699	336	19.8	227	13.4	216	12.7	211	12.4	207	12.2	204	12.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-13
LOCATION US 191 - 7.0 miles N. of Lewistown

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cors 29.1 % Pickups 49.6% Commercial 17.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	651	875	722	771	869	998	739	802	839	95.59	72.47
February	664	849	868	898	942	861	700	826	884	93.44	74.64
March	770	890	959	877	841	998	808	876	917	95.53	79.16
April	1,016	1,165	1,138	1,020	1,083	1,234	1,026	1,101	1,130	97.43	99.48
May	1,135	1,176	1,269	1,157	1,236	1,406	1,160	1,224	1,251	97.84	110.60
June	1,448	1,344	1,361	1,411	1,359	1,534	1,357	1,402	1,402	100.00	126.69
July	1,449	1,456	1,375	1,415	1,454	1,619	1,444	1,455	1,457	99.86	131.48
August	1,347	1,377	1,314	1,262	1,306	1,393	1,227	1,317	1,332	98.87	119.01
September	1,025	1,160	1,266	1,203	1,286	1,352	1,168	1,201	1,249	96.16	108.52
October	1,165	1,043	1,130	1,175	1,230	1,377	1,287	1,199	1,189	100.84	108.34
November	886	917	967	1,023	973	1,124	1,061	1,000	1,007	99.30	90.36
December	720	945	925	831	852	1,030	847	877	918	95.53	79.25
Daily average for year	1,023	1,100	1,108	1,087	1,119	1,244	1,069	1,107	1,131	97.88	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-13
Functional Class Minor Arterial

Route U.S. 191, North of Lewistown
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	407	111	27.3	83	20.4	67	16.5	63	15.5				
1961	1239	212	17.1	172	13.9	166	13.4	162	13.1	158	12.8	156	12.6
1971	1083	161	14.9	135	12.5	131	12.1	127	11.7	123	11.4	121	11.2
1972	1044	173	16.6	142	13.6	135	12.9	132	12.6	125	12.0	122	11.7
1973	1084	161	14.9	148	13.7	140	13.0	134	12.4	131	12.1	129	12.0
1974	1183	171	14.5	145	12.3	138	11.7	135	11.4	131	11.1	129	10.9
1975	1078	146	13.5	139	12.9	132	12.2	129	12.0	127	11.8	125	11.6
1976	1197	165	13.8	150	12.5	145	12.1	139	11.6	136	11.4	134	11.2
1977	1197	178	14.9	147	12.3	142	11.9	140	11.7	137	11.4	133	11.1
1978	1382	236	17.1	200	14.5	192	13.9	185	13.4	182	13.2	176	12.7
1979	1249	438	35.1	159	12.7	154	12.3	148	11.8	145	11.6	142	11.4
1980	1209	163	13.5	150	12.4	144	11.9	141	11.7	138	11.4	135	11.2
1981	1223	157	12.8	147	12.0	141	11.5	137	11.2	135	11.0	132	10.8
1982	1141	174	15.3	144	12.6	138	12.1	135	11.8	132	11.6	129	11.3
1983	1172	176	15.0	148	12.6	140	12.0	135	11.5	134	11.4	132	11.3
1984	1143	169	14.8	147	12.9	138	12.1	135	11.8	133	11.6	131	11.5
1985	1107	167	15.1	146	13.2	140	12.6	135	12.2	132	11.9	130	11.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-14

LOCATION FAS 278 - 7.0 miles SW of Dillon

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 34.1 % Pickups 43.3 % Commercial 13.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	357	273	278	242	266	323	418	304	274	110.95	70.29
February	389	244	236	242	259	258	352	283	248	114.11	65.43
March	366	276	301	332	316	356	384	336	318	105.66	77.69
April	362	310	290	270	302	314	329	310	297	104.38	71.68
May	451	461	384	384	386	422	431	415	406	102.22	95.95
June	601	497	462	485	474	559	554	523	495	105.66	120.92
July	765	513	539	575	631	617	711	614	571	107.53	141.97
August	605	527	506	514	562	605	661	572	546	104.76	132.25
September	568	476	466	430	463	480	496	485	463	104.75	112.14
October	582	447	431	440	484	509	538	486	461	105.42	112.37
November	434	457	473	486	476	522	486	478	485	98.56	110.52
December	372	378	387	356	413	407	380	384	388	98.97	88.79
Daily average for year	488	405	396	396	419	448	478	433	413	104.84	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-14
Functional Class Major Collector

Route FAS 278, Southwest of Dillon
Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	290	120	41.4	70	24.1	49	16.9	47	16.2				
1961	311	63	20.3	51	16.4	47	15.1	45	14.5	44	14.1	43	13.8
1971	405	107	26.4	74	18.3	65	16.0	60	14.8	58	14.3	56	13.8
1972	393	95	24.2	66	16.8	60	15.3	58	14.8	57	14.5	55	14.0
1973	427	86	20.1	73	17.1	65	15.2	61	14.3	59	13.8	57	13.3
1974	443	83	18.7	68	15.3	63	14.2	59	13.3	56	12.6	55	12.4
1975	418	111	26.6	70	16.7	65	15.6	60	14.4	57	13.6	56	13.4
1976	550	111	20.2	83	15.1	74	13.5	69	12.5	66	12.0	63	11.5
1977	590	129	21.9	90	15.3	83	14.1	81	13.7	76	12.9	75	12.7
1978	541	144	26.6	95	17.6	84	15.5	78	14.4	74	13.7	72	13.3
1979	581	135	23.2	93	16.0	84	14.5	78	13.4	75	12.9	73	12.6
1980	566	137	24.2	98	17.3	89	15.7	81	14.3	79	13.9	75	13.2
1981	435	144	33.1	87	20.0	73	16.8	66	15.2	64	14.7	61	14.0
1982	422	120	28.4	72	17.1	69	16.4	66	15.6	62	14.7	61	14.5
1983	443	94	21.2	77	17.4	70	15.8	66	14.9	64	14.5	62	14.0
1984	425	118	27.8	96	22.6	82	19.3	76	17.9	71	16.7	67	15.8
1985	433	105	24.2	88	20.3	77	17.8	70	16.2	66	15.2	63	14.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-15

YEAR 1985

LOCATION MT 200 - 4.0 miles NE of Bonner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 42.9 % Pickups 28.9% Commercial 23.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,396	1,690	1,557	1,708	1,681	1,988	1,643	1,665	1,715	97.08	65.70
February	1,431	1,818	1,809	1,791	1,885	2,026	1,518	1,754	1,866	94.00	69.21
March	1,832	1,929	1,930	1,878	1,934	2,267	1,811	1,943	2,001	97.10	76.65
April	2,671	2,084	1,988	1,963	1,956	2,381	2,348	2,188	2,071	105.65	86.33
May	3,645	3,020	2,512	2,410	2,508	3,208	3,240	2,913	2,729	106.74	114.94
June	4,138	3,070	2,946	3,081	3,092	3,749	3,537	3,404	3,188	106.78	134.31
July	4,941	3,377	3,272	3,587	3,788	4,107	4,138	3,841	3,598	106.75	151.55
August	3,740	3,127	3,070	3,092	3,138	3,703	3,326	3,321	3,244	102.37	131.04
September	3,102	2,786	2,700	2,681	2,722	3,119	2,858	2,858	2,801	102.03	112.77
October	2,814	2,259	2,282	2,315	2,456	2,938	2,687	2,518	2,437	103.32	99.35
November	2,258	2,049	2,017	2,220	2,057	2,510	2,306	2,216	2,187	101.33	87.44
December	1,708	1,798	1,712	1,585	1,830	2,108	1,842	1,792	1,802	99.45	70.71
Daily average for year	2,806	2,417	2,316	2,359	2,421	2,842	2,605	2,534	2,470	102.59	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-15
Functional Class Principal Arterial

Route Montana 200, Northeast of Bonner
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	292	160	54.7	119	40.7	111	38.0	102	34.9				
1961	1231	311	25.3	213	17.3	201	16.3	188	17.3	184	14.9	179	14.5
1971	1811	399	22.0	340	18.8	321	17.7	302	16.7	292	16.1	280	15.5
1972	1782	444	24.9	346	19.4	322	18.1	315	17.7	303	17.0	293	16.4
1973	1966	383	19.5	350	17.8	330	16.8	316	16.1	308	15.7	299	15.2
1974	2017	421	20.9	354	17.6	330	16.4	318	15.8	311	15.4	303	15.0
1975	1961	495	25.2	395	20.1	363	18.5	332	16.9	312	15.9	302	15.4
1976	2238	425	19.0	368	16.4	345	15.4	326	14.6	320	14.3	312	13.9
1977	2257	527	23.3	389	17.2	377	16.7	363	16.1	356	15.8	348	15.4
1978	2420	486	20.1	411	17.0	382	15.8	364	15.0	352	14.5	342	14.1
1979	2563	990	38.6	407	15.9	392	15.3	370	14.4	360	14.0	348	13.6
1980	2405	516	21.5	416	17.3	386	16.0	363	15.1	349	14.5	340	14.1
1981	2392	505	21.1	401	16.8	376	15.7	363	15.2	350	14.6	341	14.3
1982	2232	446	20.0	381	17.1	364	16.3	349	15.6	335	15.0	328	14.7
1983	2364	536	22.7	431	18.2	388	16.4	373	15.8	362	15.3	352	14.9
1984	2529	539	21.3	411	16.3	386	15.3	374	14.8	364	14.4	358	14.2
1985	2534	693	27.3	436	17.2	413	16.3	393	15.5	382	15.1	373	14.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-16
LOCATION I-15 & 90 - 3.0 miles W. of Butte

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 64.5 % Pickups 19.7 % Commercial 14.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	5,802	6,251	6,275	6,582	6,730	7,443	6,633	6,531	6,639	98.37	74.61
February	6,352	6,429	6,668	6,808	7,182	7,209	6,871	6,788	6,859	98.96	77.55
March	7,287	7,098	7,253	7,294	7,550	8,483	7,623	7,540	7,581	99.46	86.14
April	8,297	7,870	8,108	8,114	8,471	9,372	8,523	8,367	8,351	100.19	95.57
May	9,193	8,850	8,700	8,820	9,075	10,499	9,556	9,263	9,225	100.41	105.82
June	11,199	10,267	10,508	10,862	11,062	12,119	11,385	11,073	10,963	101.00	126.50
July	12,087	11,446	11,560	12,088	11,827	12,745	12,285	11,975	11,902	100.61	136.80
August	11,545	11,142	11,325	11,262	11,624	12,491	11,563	11,596	11,613	99.85	132.47
September	9,090	9,362	9,556	9,604	9,809	10,434	9,419	9,585	9,734	98.47	109.50
October	8,085	7,138	7,678	8,177	8,399	9,916	8,987	8,304	8,238	100.80	94.86
November	6,344	6,601	7,040	7,574	7,160	7,774	7,163	7,119	7,256	98.11	81.33
December	6,545	6,873	6,590	6,182	6,907	7,839	7,551	6,902	6,856	100.54	78.85
Daily average for year	8,494	8,277	8,438	8,614	8,816	9,694	8,956	8,754	8,769	99.83	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-16
Functional Class Principal Arterial

Route I-90 & I-15, West of Butte
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	4495	619	13.8	543	12.1	523	11.6	513	11.4	504	11.2	497	11.1
1971	7123	884	12.4	845	11.9	828	11.6	817	11.5	802	11.3	790	11.1
1972	7690	1046	13.6	934	12.1	915	11.9	889	11.6	873	11.4	863	11.2
1973	8076	1120	13.9	1032	12.8	996	12.3	962	11.9	943	11.7	928	11.5
1974	8702	1127	13.0	1057	12.1	1025	11.8	1003	11.5	987	11.3	969	11.1
1975	7913	1099	13.9	1003	12.7	977	12.3	949	12.0	937	11.8	921	11.6
1976	8481	1205	14.2	1137	13.4	1100	13.0	1078	12.7	1057	12.5	1041	12.3
1977	8912	1210	13.6	1145	12.8	1103	12.4	1080	12.1	1068	12.0	1049	11.8
1978	9329	1210	13.0	1146	12.3	1103	11.8	1080	11.6	1064	11.4	1052	11.3
1979	8950	1084	12.1	1034	11.6	989	11.1	962	10.7	946	10.6	939	10.5
1980	8303	1035	12.5	944	11.4	909	10.9	896	10.8	879	10.6	872	10.5
1981	8566	1008	11.8	974	11.4	950	11.1	936	10.9	926	10.8	914	10.7
1982	8376	1110	13.3	1018	12.2	989	11.8	975	11.6	960	11.5	949	11.3
1983	8404	1018	12.1	980	11.7	957	11.4	943	11.2	928	11.0	915	10.9
1984	8815	1050	11.9	1001	11.4	985	11.2	961	10.9	952	10.8	948	10.7
1985	8754	1061	12.1	997	11.4	981	11.2	968	11.1	950	10.9	943	10.8

AUTOMATIC RECORDER DATA BY MONTHS

YEAR 1985

STATION A-17
LOCATION I-15 - 3.5 miles N. of Lima

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 50.7 % Pickups 20.0 % Commercial 17.5 %

Month	Average Daily Number of Vehicles										
	Day of Week							Average Day	Average Weekday	Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	914	864	813	813	830	863	879	850	834	101.92	64.62
February	931	986	982	948	995	940	1,017	971	970	100.10	73.82
March	1,167	1,166	1,111	1,089	1,202	1,367	1,129	1,180	1,196	98.66	89.71
April	1,306	1,302	1,333	1,467	1,491	1,605	1,313	1,397	1,428	97.83	106.22
May	1,260	1,309	1,218	1,235	1,314	1,527	1,328	1,317	1,325	99.40	100.13
June	1,755	1,478	1,433	1,542	1,573	1,848	1,757	1,635	1,575	103.81	124.31
July	2,065	1,763	1,689	1,830	1,810	2,041	1,942	1,866	1,818	102.64	141.86
August	2,033	1,789	1,712	1,730	1,870	2,167	2,050	1,919	1,869	102.68	145.89
September	1,467	1,482	1,422	1,396	1,452	1,554	1,372	1,451	1,462	99.25	110.31
October	1,303	1,124	1,215	1,222	1,303	1,473	1,306	1,275	1,264	100.87	96.93
November	956	860	950	1,011	946	1,077	1,058	985	974	101.13	74.89
December	1,062	874	765	597	852	1,134	1,309	938	842	111.40	71.31
Daily average for year	1,352	1,250	1,220	1,240	1,303	1,466	1,372	1,315	1,296	101.47	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-17
Functional Class Principal Arterial

Route I-15, North of Lima
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	593	86	14.5	75	12.6	72	12.1	68	11.5	67	11.3	66	11.1
1971	785	153	19.5	113	14.4	109	13.9	106	13.5	102	13.0	101	12.9
1972	977	187	19.1	138	14.1	131	13.4	125	12.8	122	12.5	119	12.2
1973	976	228	23.4	177	18.1	164	16.8	153	15.7	147	15.1	143	14.7
1974	919	149	16.2	135	14.7	127	13.8	125	13.6	122	13.3	119	12.9
1975	969	166	17.1	140	14.4	134	13.8	128	13.2	125	12.9	123	12.7
1976	1198	206	17.2	177	14.8	167	13.9	161	13.4	158	13.2	154	12.9
1977	1344	210	15.6	181	13.5	174	12.9	168	12.5	164	12.2	161	12.0
1978	1357	231	17.0	197	14.5	183	13.5	178	13.1	174	12.8	169	12.5
1979	1246	203	16.3	163	13.1	149	12.0	142	11.4	138	11.1	136	10.9
1980	1156	196	17.0	162	14.0	153	13.2	145	12.5	141	12.2	140	12.1
1981	1251	187	14.9	171	13.7	162	12.9	157	12.5	154	12.3	152	12.2
1982	1280	209	16.3	178	13.9	167	13.0	163	12.7	160	12.5	157	12.3
1983	1283	224	17.5	198	15.4	177	13.8	171	13.3	169	13.2	167	13.0
1984	1296	231	17.8	194	15.0	182	14.0	173	13.4	170	13.1	166	12.8
1985	1315	239	18.2	191	14.5	182	13.8	175	13.3	172	13.1	170	12.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-18
LOCATION U.S. 20 - 0.5 mile W. of West Yellowstone

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	630	555	602	615	619	702	687	628	618	101.62	36.57
February	786	752	666	699	714	687	845	735	703	104.55	42.81
March	963	690	715	713	733	859	895	806	747	107.90	46.94
April	995	841	809	801	846	937	898	872	845	103.20	50.79
May	1,949	1,629	1,355	1,282	1,325	1,639	1,891	1,565	1,442	108.53	91.14
June	3,303	2,737	2,774	2,821	2,848	3,249	3,437	3,047	2,886	105.58	177.45
July	4,343	3,901	3,825	4,019	4,185	4,492	4,742	4,186	4,062	103.05	243.79
August	4,198	3,680	3,588	3,681	3,718	4,153	4,480	3,946	3,779	104.42	229.81
September	2,549	2,169	2,049	2,037	2,072	2,116	2,241	2,188	2,092	104.59	127.42
October	1,394	1,049	1,034	1,134	1,185	1,415	1,403	1,220	1,158	105.35	71.05
November	666	622	662	757	649	710	721	686	682	100.59	39.95
December	785	696	667	564	712	792	870	726	686	105.83	42.28
Daily average for year	1,880	1,610	1,562	1,594	1,634	1,813	1,926	1,717	1,642	104.57	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-18
Functional Class Principal Arterial

Route U.S. 20 & 191, West of West Yellowstone
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	1262	384	30.4	328	26.0	312	24.7	286	22.7	268	21.2	262	20.8
1972	1281	359	28.0	306	23.9	282	22.0	276	21.5	268	20.9	264	20.6
1973	1233	281	22.8	258	20.9	248	20.1	241	19.5	236	19.1	231	18.7
1974	1206	287	23.8	264	21.9	259	21.5	252	20.9	242	20.1	239	19.8
1975	1249	350	28.0	317	25.4	289	23.1	280	22.4	270	21.6	264	21.1
1976	1202	328	27.3	285	23.7	269	22.4	264	22.0	258	21.5	254	21.1
1977	1472	774	52.6	412	28.0	378	25.7	354	24.0	338	23.0	323	21.9
1978	1650	461	27.9	402	24.4	378	22.9	363	22.0	356	21.6	346	21.0
1979	1473	493	33.5	331	22.5	311	21.1	301	20.4	294	20.0	288	19.6
1980	1468	423	28.8	335	22.8	319	21.7	311	21.2	305	20.8	298	20.3
1981	1618	421	26.0	360	22.2	345	21.3	336	20.8	328	20.3	322	19.9
1982	1585	402	25.4	370	23.3	360	22.7	348	22.0	342	21.6	332	20.9
1983	1653	522	31.6	386	23.4	363	22.0	355	21.5	351	21.2	341	20.6
1984	1674	412	24.6	383	22.9	368	22.0	360	21.5	352	21.0	346	20.7
1985	1717	440	25.6	395	23.0	376	21.9	363	21.1	353	20.6	346	20.2

AUTOMATIC RECORDER DATA BY MONTHS

YEAR 1985

STATION A-19

LOCATION U.S. 191 & 287 - 7.7 miles N. of West. Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 40.8 % Pickups 32.7% Commercial 17.2 %

Month	Average Daily Number of Vehicles										
	Day of Week							Average Day	Average Weekday	Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	826	752	794	842	815	886	889	828	817	101.35	51.72
February	932	904	849	890	904	891	945	902	888	101.58	56.34
March	1,067	865	877	892	917	977	1,006	950	909	104.51	59.34
April	999	913	853	909	960	961	974	935	916	102.07	58.40
May	1,723	1,536	1,364	1,323	1,382	1,583	1,753	1,514	1,436	105.43	94.57
June	2,715	2,233	2,319	2,369	2,458	2,696	2,664	2,506	2,414	103.81	156.53
July	3,502	3,229	3,207	3,264	3,282	3,521	3,517	3,348	3,292	101.70	209.13
August	3,388	3,029	3,078	3,191	3,146	3,345	3,416	3,235	3,166	102.18	202.07
September	2,208	2,056	2,047	1,966	1,953	2,040	1,937	2,037	2,015	101.09	127.24
October	1,362	1,083	1,047	1,156	1,189	1,396	1,374	1,220	1,168	104.45	76.21
November	838	775	844	946	840	915	933	874	866	100.92	54.59
December	880	820	787	722	897	965	990	862	835	103.23	53.84
Daily average for year	1,703	1,516	1,506	1,539	1,562	1,681	1,700	1,601	1,560	102.63	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-19
Functional Class Principal Arterial

Route U.S. 191, North of West Yellowstone
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	802	285	35.5	220	27.4	212	26.4	204	25.4	196	24.4	196	24.2
1971	1142	301	26.4	258	22.6	244	21.4	227	19.9	223	19.5	219	19.2
1972	1201	288	24.0	243	20.2	230	19.2	227	18.9	223	18.6	221	18.4
1973	1142	248	21.7	222	19.4	214	18.7	208	18.2	205	18.0	203	17.8
1974	1249	275	22.0	257	20.6	248	19.9	243	19.5	239	19.1	236	18.9
1975	1285	423	32.9	275	21.4	268	20.9	260	20.2	256	19.9	251	19.5
1976	1383	335	24.2	283	20.5	270	19.5	264	19.1	256	18.5	250	18.1
1977	1483	394	26.6	318	21.4	304	20.5	295	19.9	288	19.4	280	18.9
1978	1570	426	27.1	346	22.0	323	20.6	314	20.0	308	19.6	303	19.3
1979	1454	606	41.7	302	20.8	268	18.4	255	17.5	250	17.2	246	16.9
1980	1403	360	25.7	286	20.4	273	19.5	258	18.4	251	17.9	247	17.6
1981	1481	383	25.9	303	20.5	288	19.4	284	19.2	279	18.8	277	18.7
1982	1536	421	27.4	339	22.1	309	20.1	299	19.5	289	18.8	283	18.4
1983	1601	387	24.2	316	19.7	308	19.2	298	18.6	293	18.3	291	18.2
1984	1629	377	23.1	336	20.6	316	19.4	301	18.5	296	18.2	291	17.9
1985	1601	337	21.0	311	19.4	298	18.6	290	18.1	286	17.9	280	17.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-20 YEAR 1985

LOCATION U.S. 89 - 17.0 miles N. of Gardiner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cors 41.6 % Pickups 44.2 % Commercial 10.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	730	539	466	457	567	746	791	602	547	110.05	60.07
February	748	566	499	449	516	623	695	585	531	110.17.	58.37
March	654	467	491	442	486	634	592	547	510	107.25	54.58
April	729	586	564	534	573	726	739	632	595	106.22	63.06
May	1,154	985	854	849	883	1,042	1,125	979	923	106.07	97.69
June	1,704	1,423	1,418	1,427	1,514	1,669	1,609	1,546	1,490	103.76	154.28
July	2,033	1,883	1,857	1,875	1,945	2,064	2,049	1,949	1,918	101.62	194.48
August	1,943	1,795	1,747	1,774	1,809	1,917	1,874	1,840	1,813	101.49	183.60
September	1,371	1,244	1,280	1,181	1,217	1,356	1,333	1,285	1,255	102.39	128.22
October	810	684	661	670	763	948	955	776	739	105.01	77.43
November	676	605	625	665	670	788	795	696	676	102.96	69.45
December	649	528	525	463	631	681	659	589	562	104.80	58.77
Daily average for year	1,100	942	916	899	965	1,100	1,103	1,002	872	114.91	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-20
Functional Class ~~Minor Arterial~~

Route U.S. 89, North of Gardiner
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	Under construction												
1971	655	167	25.5	144	22.0	134	20.5	131	20.0	130	19.8	128	19.5
1972	694	211	30.4	157	22.6	151	21.8	148	21.3	143	20.6	140	20.2
1973	715	268	37.5	145	20.3	136	19.0	134	18.7	132	18.5	130	18.2
1974	660	202	30.6	143	21.7	133	20.2	127	19.2	124	18.8	121	18.3
1975	731	196	26.8	157	21.5	152	20.8	150	20.5	147	20.1	145	19.8
1976	816	194	23.8	170	20.8	163	20.0	163	20.0	160	19.6	158	19.4
1977	911	316	34.7	192	21.1	183	20.1	179	19.6	176	19.3	173	19.0
1978	1002	208	20.8	192	19.2	186	18.6	184	18.4	182	18.2	181	18.1
1979	865	194	22.4	159	18.4	156	18.0	151	17.5	147	17.0	144	16.6
1980	812	194	23.9	159	19.6	153	18.8	151	18.6	148	18.2	145	17.9
1981	932	198	21.2	178	19.1	173	18.6	169	18.1	167	17.9	166	17.8
1982	933	207	22.2	180	19.3	173	18.5	169	18.1	165	17.7	163	17.5
1983	995	231	23.2	191	19.2	187	18.8	185	18.6	183	18.4	180	18.1
1984	1012	225	22.2	199	19.7	188	18.6	182	18.0	179	17.7	177	17.5
1985	1002	200	20.0	181	18.1	175	17.5	172	17.2	170	17.0	168	16.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-21 YEAR 1985

LOCATION Mont. Ave. Between Billings & Missoula Avenues - Helena

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	12,465	18,959	17,700	19,686	19,670	22,074	17,657	18,384	19,540	94.08	88.81
February	12,883	18,563	19,632	20,075	20,175	21,373	18,216	18,702	19,964	93.68	90.35
March	14,181	20,105	20,173	20,527	20,999	23,101	19,687	19,744	21,082	93.65	95.37
April	15,583	22,019	22,192	22,345	23,032	25,036	21,854	21,748	22,850	95.18	105.06
May	15,827	20,895	23,233	23,849	24,472	27,728	22,423	22,895	24,207	94.58	110.60
June	15,825	23,828	23,611	23,897	24,144	25,716	21,272	22,342	24,239	92.17	107.93
July	15,602	24,091	24,075	25,147	22,410	25,411	19,497	22,524	24,254	92.87	108.81
August	15,859	23,808	23,782	24,197	24,471	26,156	20,321	22,752	24,558	92.65	109.91
September	14,846	20,703	23,004	22,879	23,057	25,337	20,225	21,192	22,887	92.59	102.37
October	13,802	19,284	20,527	21,168	22,425	24,632	20,604	20,448	21,576	94.77	98.78
November	12,432	18,356	19,498	20,153	17,201	21,399	17,995	18,251	19,420	93.98	88.17
December	13,702	21,305	21,187	17,576	20,631	22,801	19,290	19,425	20,750	93.61	93.84
Daily average for year	14,417	20,993	21,551	21,792	21,891	25,064	19,920	20,701	22,111	93.62	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-21
Functional Class Principal Arterial

Route U.S. 12, Montana Ave. - Helena
Traffic Type Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	7971	881	11.1	846	10.6	832	10.4	826	10.4	819	10.3	803	10.1
1971	13549	1656	12.2	1538	11.4	1507	11.1	1455	10.7	1419	10.5	1387	10.2
1972	16583	1881	11.3	1808	10.9	1754	10.6	1738	10.5	1728	10.4	1713	10.3
1973	17915	1076	11.6	1895	10.6	1875	10.5	1853	10.3	1834	10.2	1822	10.2
1974	17551	2170	12.4	1870	10.7	1841	10.5	1810	10.3	1782	10.2	1771	10.1
1975	17928	2002	11.2	1863	10.4	1841	10.3	1825	10.2	1805	10.1	1782	9.9
1976	19766	3467	17.5	1789	14.1	2634	13.3	2531	12.8	2487	12.6	2400	12.1
1977	19697	2269	11.5	2184	11.1	2132	10.8	2100	10.7	2069	10.5	2047	10.4
1978	19143	2570	13.4	2211	11.6	2087	10.9	2062	10.8	2014	10.5	2001	10.4
1979	18158	4616	25.4	2032	11.2	1993	11.0	1980	10.9	1959	10.8	1938	10.7
1980	17796	2329	13.1	2057	11.6	1979	11.1	1929	10.8	1902	10.7	1876	10.5
1981	18124	2208	12.2	1979	10.9	1916	10.6	1891	10.4	1876	10.3	1876	10.3
1982	18725	2192	11.7	2029	10.8	1985	10.6	1971	10.5	1952	10.4	1940	10.3
1983	19459	2178	11.2	2042	10.5	2002	10.3	1977	10.2	1957	10.1	1946	10.0
1984	19453	2208	11.4	2078	10.7	2047	10.5	2030	10.4	1992	10.2	1974	10.1
1985	20701	2366	11.4	2252	10.9	2207	10.7	2177	10.5	2159	10.4	2147	10.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-23

LOCATION FAS 241 - 2.5 miles N. of Harlem

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 35.4 % Pickups 41.7 % Commercial 16.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	160	235	207	236	236	300	230	229	240	95.42	77.56
February	207	250	294	299	297	249	228	260	278	93.53	88.06
March	239	300	310	295	278	313	287	288	300	96.00	97.54
April	296	347	351	331	351	345	294	332	345	96.23	112.45
May	274	338	333	340	334	373	342	335	344	97.38	113.46
June	298	324	364	353	345	387	353	345	355	97.18	116.85
July	324	375	387	373	342	392	360	366	374	97.86	123.96
August	279	350	334	332	364	380	324	339	354	95.76	114.82
September	236	293	282	286	297	321	271	282	295	95.59	95.51
October	253	280	281	293	302	364	340	301	302	99.67	101.95
November	167	199	231	235	243	259	237	226	234	96.58	76.55
December	164	251	263	248	250	265	247	240	256	93.75	81.29
Daily average for year	241	295	303	302	303	329	293	295	306	96.41	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-23
Functional Class Major Collector

Route FAS 241, North of Harlem
Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	205	40	19.5	33	16.1	31	15.1	30	14.6	28	13.7	28	13.7
1971	313	55	17.6	49	15.7	45	14.4	43	13.7	42	13.4	41	13.1
1972	288	54	18.8	43	14.9	40	13.9	39	13.5	37	12.8	37	12.8
1973	315	69	21.9	48	15.2	44	14.0	41	13.0	39	12.4	38	12.1
1974	320	51	15.9	46	14.4	44	13.8	42	13.1	41	12.8	41	12.8
1975	332	58	17.5	49	14.8	48	14.5	46	13.9	45	13.6	44	13.3
1976	370	66	17.8	52	14.1	50	13.5	48	13.0	46	12.4	46	12.4
1977	365	88	24.1	54	14.8	50	13.7	47	12.9	47	12.9	46	12.6
1978	333	61	18.3	49	14.7	47	14.1	46	13.8	45	13.5	44	13.2
1979	351	60	17.1	53	15.1	50	14.2	48	13.7	46	13.1	46	13.1
1980	332	58	17.5	48	14.5	45	13.6	43	13.0	43	12.9	42	12.7
1981	340	64	18.8	48	14.1	45	13.2	45	13.2	43	12.6	42	12.4
1982	320	57	17.8	46	14.4	44	13.8	43	13.4	42	13.1	41	12.8
1983	358	125	34.9	90	25.1	76	21.2	57	15.9	53	14.8	51	14.3
1984	319	53	16.6	48	15.1	45	14.1	44	13.8	43	13.5	42	13.2
1985	295	62	21.0	43	14.6	42	14.2	40	13.6	38	12.9	38	12.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-24

YEAR 1985

LOCATION U.S. 2 - 1.3 miles W. of Kalispell

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cors 42.9 % Pickups 34.0% Commercial 19.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2,834	4,116	3,808	4,117	4,223	4,476	3,717	3,913	4,135	94.63	79.94
February	2,943	4,031	4,160	4,305	4,351	4,294	3,681	3,966	4,228	93.80	81.02
March	3,499	4,389	4,381	4,466	4,457	4,798	4,227	4,303	4,512	95.37	87.91
April	3,784	4,634	4,526	4,626	4,593	4,894	4,480	4,510	4,648	97.03	92.14
May	4,383	5,156	5,232	5,282	5,302	5,852	5,131	5,219	5,380	97.01	106.62
June	4,693	5,765	5,739	5,797	5,804	6,284	5,567	5,628	5,878	95.75	114.97
July	5,163	6,263	6,074	6,315	6,069	6,520	5,611	6,023	6,244	96.46	123.05
August	5,199	6,192	6,082	6,158	6,215	6,776	5,750	6,072	6,304	96.32	124.05
September	4,472	5,344	5,602	5,513	5,521	5,907	5,390	5,360	5,566	96.30	109.50
October	4,187	4,900	5,190	5,186	5,262	5,769	5,155	5,104	5,255	97.13	104.27
November	3,682	4,475	4,613	4,715	4,317	4,881	4,303	4,438	4,614	96.19	90.67
December	3,317	4,432	4,406	4,009	4,411	4,803	4,158	4,203	4,413	95.24	85.86
Daily average for year	4,013	4,975	4,984	5,041	5,044	5,440	4,764	4,895	5,098	96.02	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-24
Functional Class Principal Arterial

Route U.S. 2, West of Kalispell
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1454	219	15.1	190	13.1	184	12.7	180	12.4	176	12.1	174	11.9
1971	2442	442	18.1	366	15.0	352	14.4	339	13.9	332	13.6	326	13.3
1972	2434	325	13.4	295	12.1	280	11.5	274	11.3	268	11.0	264	10.6
1973	Counter removed for repairs												
1974	2191	366	16.7	343	15.7	330	15.1	326	14.9	319	14.6	314	14.3
1975	2753	461	16.7	363	13.2	346	12.6	339	12.3	332	12.1	329	12.0
1976	3029	461	15.2	359	11.9	347	11.5	339	11.2	332	11.0	328	10.8
1977	3312	435	13.1	398	12.0	383	11.6	372	11.2	364	11.0	357	10.8
1978	3619	628	17.4	458	12.7	427	11.8	413	11.4	405	11.2	399	11.0
1979	3723	553	14.9	442	11.9	426	11.4	419	11.3	415	11.1	410	11.0
1980	3655	505	13.9	450	12.3	433	11.8	427	11.7	422	11.5	414	11.3
1981	3843	494	12.9	462	12.0	451	11.7	446	11.6	442	11.5	432	11.2
1982	3972	575	14.5	488	12.3	475	12.0	466	11.7	456	11.5	450	11.3
1983	4502	569	12.6	537	11.9	523	11.6	516	11.5	509	11.3	503	11.2
1984	4785	574	12.0	543	11.4	533	11.1	525	11.0	517	10.8	513	10.7
1985	4895	576	11.8	554	11.3	538	11.0	527	10.8	519	10.6	514	10.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-25 YEAR 1985

LOCATION I-94 - 0.5 miles E. of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cors 46.5 % Pickups 24.7% Commercial 23.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,264	1,241	1,294	1,340	1,342	1,407	1,397	1,326	1,325	100.08	66.42
February	1,321	1,280	1,363	1,433	1,457	1,448	1,444	1,392	1,396	99.71	69.73
March	1,601	1,356	1,480	1,615	1,449	1,745	1,779	1,588	1,539	103.18	79.54
April	1,738	1,650	1,675	1,739	1,786	1,913	1,892	1,763	1,744	101.09	88.31
Moy	2,051	1,889	1,895	1,923	2,011	2,237	2,102	2,019	1,999	101.00	101.14
June	2,933	2,421	2,539	2,654	2,719	2,987	2,920	2,751	2,664	103.27	137.80
July	3,183	2,910	2,860	2,886	2,922	3,077	3,168	2,990	2,925	102.22	149.78
August	3,159	2,656	2,602	2,617	2,678	2,994	3,163	2,849	2,721	104.70	142.71
September	2,272	2,174	2,101	2,177	2,216	2,436	2,335	2,243	2,218	101.13	112.35
October	1,917	1,674	1,757	1,930	1,979	2,275	2,159	1,949	1,918	101.62	97.63
November	1,595	1,382	1,428	1,683	1,521	1,745	1,767	1,600	1,561	102.50	80.15
December	1,596	1,324	1,345	1,300	1,266	1,691	1,932	1,486	1,381	107.60	74.44
Daily average for year	2,053	1,830	1,862	1,941	1,946	2,163	2,172	1,996	1,949	102.41	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-25
Functional Class Principal Arterial

Route I-94, East of Wibaux
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1031	233	22.6	173	16.8	148	14.4	141	13.7	131	12.7	127	12.3
1971	1622	257	15.8	234	14.4	223	13.7	218	13.4	212	13.1	210	12.9
1972	Counter out due to construction												
1973	"	" "	" "										
1974	"	" "	" "										
1975	Counter out due to construction												
1976	2264	319	14.1	285	12.6	276	12.2	265	11.7	262	11.6	259	11.4
1977	2008	364	18.1	286	14.2	275	13.7	269	13.4	266	13.2	260	12.9
1978	2192	428	19.5	312	14.2	299	13.6	288	13.1	283	12.9	278	12.7
1979	2052	317	15.4	239	11.6	232	11.3	227	11.1	222	10.8	219	10.7
1980	2093	304	14.5	254	12.1	244	11.7	236	11.3	232	11.1	226	10.8
1981	2521	414	16.4	326	12.9	296	11.7	282	11.2	276	10.9	271	10.7
1982	2236	349	15.6	275	12.3	265	11.9	259	11.6	255	11.4	253	11.3
1983	2126	600	28.2	305	14.4	283	13.3	267	12.6	258	12.1	254	12.0
1984	2113	333	15.8	275	13.0	263	12.5	258	12.2	254	12.0	251	11.9
1985	1996	317	15.9	260	13.0	250	12.5	241	12.1	236	11.8	233	11.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-27

LOCATION US 191 - 1.5 miles S. of Fred Robinson Bridge

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 38.6 % Pickups 36.7% Commercial 21.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	249	234	212	238	251	324	206	244	249	97.99	59.43
February	311	295	253	276	277	360	253	289	292	98.97	70.39
March	358	323	291	300	302	388	258	319	324	98.46	77.68
April	489	412	332	340	395	526	355	404	398	101.51	98.40
May	567	528	385	409	460	650	496	500	489	102.25	121.78
June	643	520	467	496	526	652	496	545	532	102.44	132.74
July	668	530	466	538	506	626	451	538	530	101.51	131.03
August	598	527	481	468	503	626	470	525	525	100.00	127.87
September	498	464	415	410	448	550	455	464	458	101.31	113.01
October	513	389	348	407	446	586	409	438	430	101.86	106.68
November	369	323	326	382	343	412	326	355	360	98.61	86.46
December	353	291	276	225	318	365	311	306	294	104.08	74.53
Daily average for year	468	403	354	374	398	505	374	411	407	100.98	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-27
Functional Class Minor Arterial

Route U.S. 191, 1.5 miles S. of Fred Robinson Bridge
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	202	126	62.4	71	35.1	50	24.8	44	21.8	40	19.8	38	18.8
1971	314	98	31.2	64	20.4	56	17.8	53	16.9	51	16.2	49	15.6
1972	320	105	32.8	70	21.9	61	19.1	56	17.5	54	16.9	53	16.6
1973	340	91	28.8	67	19.7	60	17.6	56	16.5	54	15.9	52	15.3
1974	330	82	24.8	63	19.1	57	17.3	54	16.4	52	15.8	49	14.8
1975	325	90	27.7	62	19.1	56	17.2	53	16.3	51	15.7	50	15.4
1976	348	90	25.9	67	19.3	61	17.5	57	16.4	55	15.8	53	15.2
1977	349	88	25.2	66	18.9	60	17.2	57	16.3	54	15.5	52	14.9
1978	348	88	25.3	68	19.5	59	17.0	57	16.4	55	15.8	53	15.2
1979	380	91	23.9	72	18.9	66	17.4	62	16.3	60	15.8	58	15.3
1980	397	91	22.9	78	19.6	70	17.6	66	16.6	63	15.9	61	15.4
1981	413	94	22.8	75	18.2	69	16.7	66	16.0	62	15.0	60	14.5
1982	383	103	26.9	76	19.8	69	18.0	65	17.0	63	16.4	61	15.9
1983	422	113	26.8	92	21.8	77	18.3	71	16.8	68	16.1	66	15.6
1984	426	109	25.6	81	19.0	76	17.8	71	16.7	68	16.0	66	15.5
1985	411	99	24.1	79	19.2	71	17.3	69	16.8	66	16.1	63	15.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-28

YEAR 1985

LOCATION Frontage Road - 7.0 miles W. of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cors 47.8 % Pickups 48.5% Commercial 3.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,678	2,015	1,797	2,040	2,002	2,189	2,030	1,963	2,001	98.10	86.78
February	1,757	2,012	2,023	2,162	2,098	2,180	2,090	2,046	2,095	97.66	90.44
March	1,922	2,187	2,218	2,315	2,140	2,443	2,194	2,201	2,269	97.00	97.30
April	2,319	2,409	2,443	2,486	2,390	2,629	2,506	2,452	2,467	99.39	108.38
May	2,287	2,340	2,470	2,544	2,489	2,742	2,525	2,495	2,527	98.73	110.29
June	2,239	2,529	2,621	2,732	2,652	2,913	2,525	2,587	2,689	96.21	114.36
July	2,110	2,543	2,499	2,580	2,384	2,596	2,299	2,441	2,523	96.75	107.91
August	1,965	2,342	2,374	2,425	2,323	2,505	2,237	2,314	2,396	96.58	102.29
September	1,957	2,208	2,359	2,472	2,393	2,546	2,339	2,309	2,387	96.73	102.07
October	1,858	2,000	2,246	2,400	2,358	2,702	2,506	2,299	2,340	98.25	101.63
November	1,629	1,946	1,998	2,159	1,890	2,245	2,141	2,014	2,057	97.91	89.03
December	1,692	2,032	2,109	1,951	1,976	2,246	2,226	2,025	2,064	98.11	89.52
Daily overage for year	1,951	2,214	2,263	2,356	2,258	2,495	2,302	2,262	2,318	97.58	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-28
Functional Class Major Collector

Route Vaughn - Interstate Frontage
Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	255	112	43.9	71	27.8	63	24.7	59	23.1	56	22.0	52	20.4
1971	553	103	18.6	89	16.1	84	15.2	80	14.5	75	13.6	74	13.4
1972	483	78	16.1	66	13.7	62	12.8	61	12.6	61	12.6	60	12.4
1973	634	91	14.4	84	13.2	80	12.6	79	12.5	77	12.1	76	12.0
1974	774	167	21.6	100	12.9	93	12.0	91	11.8	90	11.6	88	11.4
1975	850	201	23.6	129	15.2	117	13.8	112	13.2	108	12.7	105	12.4
1976	1097	229	20.9	142	12.9	139	12.7	132	12.0	130	11.9	128	11.7
1977	1628	265	16.3	246	15.1	239	14.7	235	14.4	226	13.9	223	13.7
1978	1965	326	16.6	268	13.6	257	13.1	250	12.7	246	12.5	243	12.4
1979	2296	456	19.9	285	12.4	276	12.0	269	11.7	266	11.6	264	11.5
1980	2178	386	17.7	278	12.8	262	12.0	258	11.8	255	11.7	252	11.6
1981	2270	354	15.6	273	12.0	266	11.7	261	11.5	258	11.4	256	11.3
1982	2205	300	13.6	266	12.1	257	11.7	252	11.4	250	11.3	248	11.2
1983	2359	301	12.8	273	11.6	267	11.3	262	11.1	260	11.0	255	10.8
1984	2261	358	15.8	266	11.7	260	11.5	256	11.3	251	11.1	246	10.9
1985	2262	285	12.6	267	11.8	254	11.2	251	11.1	248	11.0	245	10.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-29

LOCATION Frontage Road - 6.0 miles W. of Billings

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 52.9 % Pickups 32.0% Commercial 14.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,927	2,491	2,340	2,478	2,413	2,697	2,163	2,373	2,473	95.96	84.52
February	1,999	2,448	2,544	2,566	2,705	2,679	2,124	2,438	2,588	94.20	86.84
March	2,143	2,590	2,645	2,814	2,809	2,924	2,359	2,599	2,764	94.03	92.56
April	2,725	3,149	3,130	3,114	3,070	3,323	2,790	3,049	3,155	96.64	108.60
May	2,792	3,172	3,250	3,271	3,277	3,676	3,058	3,232	3,339	96.80	115.12
June	2,851	2,176	3,113	3,210	3,194	3,553	3,053	3,150	3,249	96.95	112.20
July	2,838	3,146	3,199	3,216	3,111	3,385	2,879	3,118	3,208	97.19	111.06
August	2,776	3,146	3,101	3,246	3,208	3,529	2,818	3,124	3,257	95.92	111.27
September	2,387	2,984	3,168	3,136	3,075	3,285	2,710	2,945	3,123	94.30	104.89
October	2,376	2,809	2,791	2,986	2,935	3,293	2,729	2,851	2,955	96.48	101.55
November	1,755	2,271	2,408	2,546	2,392	2,665	2,093	2,309	2,466	93.63	82.24
December	2,034	2,596	2,544	2,452	2,606	2,912	2,465	2,503	2,617	95.64	89.15
Daily average for year	2,384	2,832	2,853	2,920	2,900	3,160	2,603	2,808	2,933	95.74	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-29
Functional Class Major Collector

Route Billings - Interstate Frontage
Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	Under construction												
1971	1702	228	13.4	182	10.7	175	10.3	172	10.1	168	9.9	166	9.8
1972	1831	229	12.5	194	10.6	187	10.2	184	10.0	182	9.9	180	9.8
1973	1872	250	13.4	191	10.2	186	9.9	181	9.7	179	9.6	177	9.5
1974	1744	209	12.0	178	10.2	174	10.0	172	9.9	170	9.7	167	9.6
1975	1565	218	13.9	178	11.4	172	11.0	169	10.8	167	10.7	165	10.5
1976	1611	340	21.1	193	12.0	182	11.3	176	10.9	172	10.7	168	10.4
1977	1979	258	13.0	240	12.1	233	11.8	228	11.5	224	11.3	222	11.2
1978	2101	286	13.6	260	12.4	249	11.9	243	11.6	239	11.4	235	11.2
1979	Machine failure July & August												
1980	2262	401	17.7	274	12.1	265	11.7	256	11.3	252	11.1	244	10.8
1981	2305	287	12.5	271	11.8	260	11.3	257	11.1	255	11.0	252	10.9
1982	2398	303	12.6	279	11.6	274	11.4	270	11.3	266	11.1	264	11.0
1983	2907	564	19.4	438	15.1	418	14.4	403	13.9	394	13.6	379	13.0
1984	2563	377		330		314		310	12.1	307		304	
1985	2808	356	12.7	339	12.1	330	11.8	326	11.6	322	11.5	318	11.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-30

LOCATION I 90 - 1.0 mile W. of Superior Int.

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 48.0 % Pickups 20.2% Commercial 21.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,770	1,783	1,867	1,956	2,015	2,220	1,879	1,929	1,965	98.17	54.68
February	1,853	1,960	2,009	2,102	2,210	2,165	1,907	2,029	2,089	97.13	57.51
March	2,699	2,414	2,571	2,557	2,736	2,955	2,637	2,663	2,661	100.08	73.47
April	3,141	2,961	2,943	3,053	3,183	3,552	2,875	3,091	3,122	99.01	87.61
May	3,567	3,750	3,557	3,519	3,735	4,387	3,652	3,752	3,801	98.71	106.35
June	5,099	4,764	4,724	4,814	5,102	5,669	5,014	5,029	5,015	100.28	142.54
July	5,801	5,517	5,367	5,571	5,478	5,936	5,703	5,611	5,562	100.88	159.04
August	6,032	5,554	5,324	5,396	5,615	6,485	6,022	5,801	5,709	101.61	164.42
September	4,312	4,463	4,349	4,249	4,410	4,862	4,124	4,395	4,466	98.41	124.57
October	3,316	2,953	3,134	3,160	3,377	3,911	3,198	3,286	3,296	99.70	93.14
November	2,349	2,253	2,449	2,683	2,409	2,629	2,344	2,448	2,492	98.23	69.39
December	2,572	2,136	2,086	1,916	2,306	2,530	2,602	2,303	2,187	105.30	65.28
Daily average for year	3,543	3,376	3,365	3,415	3,548	3,942	3,496	3,528	3,530	99.94	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-30
Functional Class Principal Arterial

Route I-90, West of Superior
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	Under construction												
1971	2346	375	16.0	334	14.2	324	13.8	320	13.6	313	13.3	311	13.3
1972	2754	470	17.1	394	14.3	374	13.6	366	13.3	359	13.0	355	12.9
1973	2962	486	16.4	407	13.7	389	13.1	379	12.8	373	12.6	366	12.4
1974	3126	514	16.4	469	15.0	460	14.7	449	14.4	439	14.4	434	13.9
1975	3069	486	15.8	411	13.4	398	13.0	392	12.8	386	12.6	380	12.4
1976	3471	523	15.1	464	13.4	449	12.9	440	12.7	434	12.5	429	12.4
1977	3467	529	15.3	461	13.3	443	12.8	439	12.7	435	12.5	432	12.5
1978	3704	630	17.0	515	13.9	487	13.1	481	13.0	476	12.9	465	12.6
1979	3444	431	12.5	394	11.4	380	11.0	370	10.7	364	10.6	358	10.4
1980	3247	475	14.6	438	13.5	419	12.9	404	12.4	399	12.3	393	12.1
1981	3411	512	15.0	465	13.6	457	13.4	448	13.1	441	12.9	435	12.8
1982	3159	525	16.6	478	15.1	457	14.5	445	14.1	437	13.8	431	13.6
1983	3528	590	16.7	511	14.5	488	13.8	479	13.6	474	13.4	469	13.3
1984	3715	604	16.3	527	14.2	519	14.0	505	13.6	498	13.4	494	13.3
1985	3528	576	16.3	521	14.8	499	14.1	489	13.9	480	13.6	473	13.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-31
LOCATION I-94 - 8.0 miles W. of Miles City

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 49.6 % Pickups 21.2% Commercial 25.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,793	1,827	1,779	1,935	1,914	2,238	2,051	1,928	1,930	99.90	69.76
February	2,038	2,021	1,939	2,135	2,246	2,324	2,160	2,123	2,133	99.53	76.81
March	2,427	2,087	2,052	2,399	2,227	2,751	2,315	2,340	2,325	100.65	84.66
April	2,559	2,569	2,548	2,589	2,754	3,100	2,470	2,649	2,698	98.18	95.85
May	2,925	2,921	2,719	2,817	2,922	3,540	3,136	3,007	2,998	100.30	108.80
June	3,795	3,475	3,474	3,632	3,808	4,206	3,686	3,726	3,719	100.19	134.81
July	3,924	3,838	3,726	3,919	3,693	4,034	3,750	3,839	3,840	99.97	138.90
August	3,782	3,653	3,643	3,574	3,737	4,272	3,758	3,788	3,796	99.79	137.06
September	2,882	3,001	2,923	3,028	3,051	3,439	3,031	3,043	3,084	98.67	110.10
October	2,779	2,392	2,412	2,601	2,694	3,273	2,883	2,705	2,661	101.65	97.87
November	1,946	1,682	1,824	2,052	1,966	2,304	2,087	1,994	1,981	100.66	72.15
December	1,755	1,915	1,743	1,939	2,263	2,428	2,288	2,024	2,037	99.36	73.23
Daily average for year	2,717	2,615	2,565	2,718	2,773	3,159	2,801	2,764	2,767	99.89	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-31
Functional Class Principal Arterial

Route I-94, West of Miles City
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	2065	302	14.6	271	13.1	260	12.6	251	12.2	247	12.0	246	11.9
1972	2324	317	13.6	291	12.5	283	12.2	277	11.9	274	11.8	270	11.6
1973	Counter removed due to construction												
1974	"	"	" "	"									
1975	Counter removed due to construction												
1976	2637	375	14.2	334	12.7	323	12.2	317	12.0	313	11.9	309	11.7
1977	2640	392	14.8	345	13.1	331	12.5	321	12.2	315	11.9	308	11.7
1978	2693	474	17.6	366	13.6	340	12.6	332	12.3	327	12.1	321	11.9
1979	2848	399	14.0	357	12.5	344	12.1	334	11.7	327	11.5	321	11.3
1980	2745	377	13.7	327	11.9	315	11.5	304	11.1	291	10.6	286	10.4
1981	2993	379	12.7	350	11.7	339	11.3	331	11.1	327	10.9	322	10.8
1982	2952	440	14.9	373	12.6	359	12.2	345	11.7	339	11.5	334	11.3
1983	3012	443	14.7	404	13.4	366	12.2	348	11.6	341	11.3	338	11.2
1984	2950	721	24.4	360	12.2	345	11.7	334	11.3	329	11.2	323	11.0
1985	2764	373	13.5	346	12.5	335	12.1	328	11.9	321	11.8	317	11.5

AUTOMATIC RECORDER DATA BY MONTHS

YEAR 1985

STATION A-32

LOCATION 25th St. N. Between 4th & 5th Aves. - Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2,251	3,661	3,258	3,665	3,736	3,916	2,969	3,370	3,635	92.71	88.76
February	2,347	3,606	3,782	3,846	3,873	3,929	3,165	3,507	3,807	92.12	92.36
March	2,558	3,868	3,927	3,931	3,893	4,110	3,337	3,629	3,953	91.80	95.58
April	2,854	4,186	4,301	4,169	4,069	4,333	3,639	3,956	4,215	93.86	104.19
May	2,791	3,896	4,262	4,412	4,365	4,724	3,722	4,071	4,354	93.50	107.22
June	2,935	4,485	4,469	4,584	4,613	4,766	3,862	4,188	4,583	91.38	110.30
July	2,966	4,416	4,475	4,567	4,093	4,517	3,595	4,128	4,423	93.33	108.72
August	3,005	4,319	4,382	4,339	4,193	4,407	3,731	4,059	4,326	93.83	106.90
September	2,614	3,850	4,343	4,359	4,037	4,315	3,402	3,805	4,165	91.36	100.21
October	2,559	3,605	3,888	3,969	4,101	4,284	3,600	3,741	3,971	94.21	98.53
November	2,231	3,682	3,723	3,937	3,495	4,026	3,290	3,495	3,784	92.36	92.05
December	2,548	4,001	3,955	3,499	3,765	4,056	3,561	3,614	3,866	93.48	95.18
Daily average for year	2,638	3,965	4,064	4,106	4,019	4,282	3,489	3,797	4,090	92.84	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-32
Functional Class Minor Arterial

Route 25th Street North in Great Falls
Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	3318	512	15.4	472	14.2	439	13.2	413	12.4	386	11.6	367	11.1
1972	3219	572	17.8	372	11.6	351	10.9	345	10.7	342	10.6	338	10.5
1973	3273	480	14.7	366	11.2	351	10.7	345	10.5	340	10.4	336	10.3
1974	3212	355	11.1	341	10.6	333	10.4	327	10.2	319	9.9	317	9.9
1975	3360	388	11.5	375	11.2	362	10.8	353	10.5	351	10.4	347	10.3
1976	3605	430	11.9	397	11.0	389	10.8	383	10.6	376	10.4	369	10.2
1977	3728	451	12.1	410	11.0	399	10.7	393	10.5	389	10.4	385	10.3
1978	3669	444	12.1	417	11.4	408	11.1	402	11.0	397	10.8	392	10.7
1979	3708	771	20.8	418	11.3	409	11.0	400	10.8	393	10.6	388	10.5
1980	3462	414	12.0	380	11.0	374	10.8	366	10.6	362	10.5	358	10.3
1981	3510	410	11.7	386	11.0	373	10.6	367	10.5	363	10.3	361	10.3
1982	3579	1002*	28.0	415	11.6	398	11.1	386	10.8	381	10.6	377	10.5
1983	3706	439	11.9	423	11.4	408	11.0	404	10.9	400	10.8	394	10.6
* Demolition Day - The day the stack came down - 9-18-82 - 11A-12P													
1984	Out of Service June - September - Construction												
1985	3797	630	16.6	470	12.4	426	11.2	414	10.9	406	10.7	403	10.6

AUTOMATIC RECORDER DATA BY MONTHS

YEAR 1985

STATION A-33
LOCATION 10th Ave. S. Between 9th & 10th St. - Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cors 57.1 % Pickups 39.4% Commercial 3.2 %

Month	Averoge Daily Number of Vehicles									Percent the Averoge Doy is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Soturday	Mondoy thru Fridoy		
Jonuary	20,387	28,588	25,705	28,744	28,639	32,394	27,110	27,399	28,668	95.57	89.53
February	20,991	28,593	28,998	29,426	30,255	31,200	27,339	28,114	29,694	94.68	91.87
March	23,808	30,748	30,870	31,336	31,469	35,401	30,637	30,546	32,128	95.08	99.82
Aprll	24,757	32,774	32,388	32,697	32,622	36,110	31,628	31,902	33,251	95.94	104.24
May	25,158	30,889	33,633	34,009	34,422	38,528	32,641	33,035	34,473	95.83	107.94
June	25,934	35,038	34,506	34,934	35,457	38,242	32,126	33,434	35,636	93.82	109.24
July	26,382	35,503	34,955	35,754	32,617	36,427	30,950	33,437	35,097	95.27	109.26
August	25,124	33,439	33,054	34,274	34,347	36,974	31,408	32,813	34,531	95.02	107.72
September	22,971	29,894	32,947	32,713	32,413	35,841	30,547	30,739	32,625	94.22	100.45
October	22,256	27,371	29,949	31,159	32,095	35,648	30,087	29,918	31,221	95.83	97.76
November	19,134	26,795	28,262	29,575	25,977	31,744	27,044	27,097	28,627	94.66	88.55
December	21,834	30,809	30,572	26,307	29,948	33,505	29,449	28,804	30,270	95.16	94.12
Daily overage for yeor	23,228	30,870	31,320	31,744	31,688	35,168	30,081	30,603	32,185	95.08	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-33
Functional Class Principal Arterial

Route 10th Avenue South in Great Falls
Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	24183	2563	10.6	2383	9.9	2324	9.6	2292	9.5	2253	9.3	2237	9.3
1972	24984	2552	10.2	2478	9.9	2449	9.8	2418	9.7	2396	9.6	2371	9.5
1973	24952	2745	11.0	2443	9.8	2395	9.6	2379	9.5	2351	9.4	2323	9.3
1974	24681	2589	10.5	2439	9.9	2388	9.7	2334	9.5	2310	9.4	2281	9.2
1975	24609	2471	10.0	2336	9.5	2308	9.4	2280	9.3	2264	9.2	2253	9.2
1976	27306	3000	11.0	2677	9.8	2620	9.6	2584	9.5	2567	9.4	2543	9.3
1977	28924	2780	9.6	2712	9.4	2685	9.3	2655	9.2	2626	9.1	2602	9.0
1978	28532	2973	10.4	2722	9.5	2669	9.4	2627	9.2	2606	9.1	2601	9.1
1979	28606	2756	9.6	2654	9.3	2608	9.1	2574	9.0	2556	8.9	2540	8.8
1980	28007	3080	11.0	2651	9.5	2614	9.3	2572	9.2	2564	9.2	2552	9.1
1981	28434	2731	9.6	2657	9.3	2628	9.2	2600	9.1	2586	9.1	2536	9.0
1982	28781	2786	9.7	2718	9.4	2677	9.3	2658	9.2	2637	9.1	2625	9.1
1983	29621	2820	9.5	2724	9.2	2704	9.1	2684	9.1	2667	9.0	2643	8.9
1984	30648	4786	15.6	2872	9.4	2814	9.2	2795	9.1	2778	9.1	2769	9.0
1985	30603	3067	10.0	2925	9.6	2869	9.4	2845	9.3	2827	9.2	2812	9.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-34

LOCATION US 12 - 5.0 miles W. of Ingomar

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 34.1 % Pickups 39.8% Commercial 26.1 %

Month	Average Daily Number of Vehicles										
	Day of Week							Average Day	Average Weekday	Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	172	187	159	176	173	191	165	174	176	98.86	79.03
February	136	177	164	150	169	177	145	160	167	95.81	72.67
March	132	129	141	181	180	191	135	155	166	93.37	70.40
April	225	198	200	246	236	257	173	218	225	96.89	99.02
May	276	290	233	234	229	285	226	253	253	100.00	114.91
June	290	254	243	251	258	335	297	277	268	103.36	125.81
July	256	229	209	223	223	250	216	229	226	101.33	104.01
August	238	228	216	201	201	247	232	223	219	101.83	101.29
September	221	243	238	242	260	307	312	258	257	100.39	117.18
October	337	262	243	246	246	309	298	274	259	105.79	124.45
November	234	250	250	251	208	270	223	241	247	97.57	109.46
December	164	181	168	150	175	259	168	180	185	97.30	81.76
Daily average for year	223	219	205	213	213	257	216	220	221	99.55	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-34
Functional Class Minor Arterial

Route U.S. 12, West of Ingomar
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	263	57	21.7	47	17.9	45	17.1	42	16.0	40	15.2	39	14.8
1972	267	76	28.5	55	20.6	52	19.5	48	18.0	46	17.2	44	16.5
1973	254	59	23.2	46	18.1	41	16.1	38	15.0	37	14.6	37	14.6
1974	276	71	25.7	53	19.2	47	17.0	44	15.9	43	15.6	41	14.9
1975	272	89	32.7	49	18.0	45	16.5	43	15.8	42	15.4	41	15.1
1976	301	139	46.2	63	20.9	56	18.6	50	16.6	47	15.6	45	15.0
1977	310	68	21.9	54	17.4	51	16.5	49	15.8	47	15.2	45	14.5
1978	305	63	20.7	56	18.4	51	16.7	50	16.4	48	15.7	47	15.4
1979	301	79	26.2	54	17.9	51	16.9	49	16.3	47	15.6	45	15.0
1980	235	59	25.1	40	17.0	38	16.2	36	15.3	34	14.5	33	14.0
1981	255	59	23.1	47	18.4	45	17.6	43	16.9	41	16.1	39	15.3
1982	245	67	27.3	55	22.4	50	20.4	47	19.2	45	18.4	44	18.0
1983	255	76	29.8	52	20.4	46	18.0	43	16.9	42	16.5	41	16.1
1984	241	64	26.6	45	18.7	40	16.6	39	16.2	37	15.4	36	14.9
1985	220	87	39.5	40	18.2	38	17.3	36	16.4	36	16.4	34	15.5

AUTOMATIC RECORDER DATA BY MONTHS

YEAR 1985

STATION A-35
LOCATION FAS 210 - 3.0 miles SE. of Bonner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 44.9 % Pickups 36.1% Commercial 17.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	415	611	570	619	632	668	553	584	618	94.50	82.34
February	470	634	646	669	665	725	578	627	668	93.86	88.40
March	545	742	757	740	761	809	656	711	764	93.06	100.25
April	636	855	862	861	840	873	705	808	858	94.17	113.92
May	620	763	847	805	827	896	727	789	829	95.17	111.24
June	640	820	843	800	805	927	746	790	839	94.16	111.39
July	593	767	737	788	679	793	658	721	754	95.62	101.66
August	595	746	745	758	743	814	685	729	763	95.54	102.78
September	602	724	828	799	818	865	727	759	803	94.52	107.01
October	597	706	781	765	791	879	716	751	784	95.79	105.89
November	546	654	660	680	652	748	636	656	682	96.19	92.49
December	448	633	629	579	595	658	574	586	620	94.52	82.62
Daily average for year	559	721	742	739	734	805	663	709	749	94.66	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-35
Functional Class Major Collector

Route FAS 210, 3.0 miles SE of Bonner
Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	328	52	15.9	44	13.4	42	12.8	41	12.5	40	12.2	39	11.9
1972	423	106	25.1	64	15.1	61	14.4	56	13.2	55	13.0	54	12.8
1973	Machine	failure											
1974	571	105	18.4	78	13.7	71	12.4	68	11.9	66	11.6	65	11.4
1975	599	96	16.0	77	12.9	73	12.2	69	11.5	67	11.2	66	11.0
1976	556	79	14.2	67	12.1	64	11.5	63	11.3	62	11.2	60	10.8
1977	548	80	14.6	66	12.0	60	10.9	57	10.4	57	10.4	56	10.2
1978	538	77	14.3	65	12.1	62	11.5	61	11.3	60	11.2	58	10.8
1979	552	116	21.0	74	13.4	70	12.7	67	12.1	65	11.8	64	11.6
1980	606	83	13.7	76	12.5	72	11.9	70	11.6	68	11.2	67	11.1
1981	626	90	14.4	73	11.7	71	11.3	69	11.0	68	10.9	66	10.5
1982	626	136	21.7	100	16.0	87	13.9	80	12.8	76	12.1	74	11.8
1983	655	95	14.5	80	12.2	77	11.8	75	11.5	74	11.3	73	11.2
1984	696	98	14.1	87	12.5	84	12.1	82	11.8	80	11.5	79	11.4
1985	709	98	13.8	90	12.7	86	12.1	82	11.6	80	11.3	79	11.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-36 YEAR 1985

LOCATION US 2 - 0.5 mile W. of Browning

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cors 51.4 % Pickups 31.7% Commercial 9.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	784	829	678	716	848	1,044	787	806	813	99.14	54.18
February	784	823	808	856	886	948	748	836	864	96.76	56.18
March	1,136	995	1,033	1,008	974	1,198	868	1,034	1,049	98.57	69.50
April	1,501	1,334	1,315	1,255	1,329	1,556	1,221	1,356	1,355	100.07	91.14
May	1,848	1,970	1,668	1,684	1,856	2,140	1,652	1,837	1,868	98.34	123.47
June	2,331	2,067	2,088	2,193	2,054	2,179	2,152	2,158	2,116	101.98	145.05
July	2,913	2,685	2,542	2,636	2,472	2,900	2,466	2,655	2,643	100.45	178.46
August	2,650	2,450	2,331	2,354	2,429	2,796	2,317	2,479	2,485	99.76	166.63
September	1,484	1,691	1,614	1,595	1,487	1,828	1,560	1,607	1,645	97.69	108.02
October	1,301	1,168	1,283	1,282	1,274	1,677	1,477	1,345	1,329	101.20	90.41
November	806	866	819	939	828	1,055	775	873	909	96.04	58.68
December	820	869	847	742	942	985	882	867	875	99.09	58.28
Daily average for year	1,530	1,479	1,419	1,438	1,448	1,692	1,409	1,488	1,496	99.47	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-36
Functional Class Principal Arterial

Route U.S. 2, West of Browning
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	1152	386	33.5	279	24.2	236	20.5	220	19.1	211	18.3	203	17.6
1972	1278	288	22.5	252	19.7	243	19.0	233	18.2	226	17.7	222	17.4
1973	1475	692	47.0	390	26.4	331	22.4	320	21.7	301	20.4	293	20.0
1974	1208	307	25.4	278	23.0	253	20.9	234	19.4	224	18.5	212	17.5
1975	1164	321	17.6	242	20.8	223	19.2	211	18.1	204	17.5	198	17.0
1976	1374	297	21.6	270	19.7	253	18.4	239	17.4	231	16.8	223	16.2
1977	1490	312	20.9	276	18.5	256	17.2	246	16.5	238	16.0	234	15.7
1978	1403	312	22.2	276	19.7	246	17.5	239	17.0	234	16.7	228	16.3
1979	1502	670	44.6	319	21.2	271	18.0	246	16.4	236	15.7	231	15.4
1980	1432	455	31.8	264	18.4	246	17.2	233	16.3	224	15.6	217	15.2
1981	1504	287	19.1	256	17.0	244	16.2	241	16.0	231	15.4	226	15.0
1982	1480	362	24.5	275	18.6	262	17.7	247	16.7	242	16.4	238	16.1
1983	1597	294	18.4	264	16.5	252	15.8	243	15.2	239	15.0	236	14.8
1984	1525	341	22.4	257	16.9	246	16.1	239	15.7	235	15.4	232	15.2
1985	1488	287	19.3	257	17.3	245	16.5	238	16.0	231	15.5	225	15.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-37 YEAR 1985

LOCATION Orange Street Bridge - Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	9,046	17,256	14,582	16,764	17,054	18,779	12,486	15,234	16,789	90.74	92.20
February	9,668	17,049	16,560	16,883	17,396	18,731	12,523	15,544	17,324	89.73	94.06
March	10,446	18,657	17,940	17,944	18,428	20,019	13,522	16,510	18,665	88.45	99.92
April	10,458	18,734	18,114	18,184	18,351	19,783	13,777	16,882	18,614	90.70	102.16
May	11,024	16,442	18,254	18,440	18,801	20,572	14,247	17,062	18,602	91.72	103.25
June	11,117	19,418	18,919	18,952	18,897	21,094	13,976	17,153	19,456	88.16	103.81
July	10,732	19,906	19,102	19,758	16,761	19,428	13,266	17,244	19,069	90.43	104.36
August	11,039	19,297	19,160	19,211	20,507	20,791	13,924	17,772	19,871	89.44	107.56
September	10,122	16,727	19,079	18,402	19,351	20,472	13,831	16,626	18,707	88.88	100.62
October	9,880	17,201	18,003	17,979	18,595	20,416	13,892	16,724	18,407	90.86	101.21
November	9,634	17,320	17,467	17,669	15,459	19,052	12,982	15,679	17,472	89.74	94.89
December	10,090	18,376	17,502	14,927	17,564	19,367	13,566	15,856	17,583	90.18	95.96
Daily average for year	10,271	18,032	17,890	17,926	18,097	19,875	13,499	16,524	18,380	89.90	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-37
Functional Class Principal Arterial

Route Orange Street Bridge, Missoula
Traffic Type Urban & City Street

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	13679	1747	12.8	1678	12.3	1605	11.7	1570	11.5	1541	11.3	1522	11.1
1972	14884	1893	12.7	1737	11.7	1706	11.4	1663	11.2	1634	11.0	1619	10.9
1973	15380	1831	11.9	1752	11.4	1694	11.0	1672	10.9	1653	10.7	1640	10.7
1974	15517	1874	12.1	1734	11.2	1672	10.8	1652	10.6	1631	10.5	1611	10.4
1975	16209	1969	12.1	1897	11.7	1853	11.4	1810	11.2	1785	11.0	1778	11.0
1976	17350	1087	12.0	1998	11.5	1940	11.2	1906	11.0	1886	10.9	1865	10.8
1977	17900	2115	11.8	2048	11.4	2027	11.3	1999	11.2	1976	11.0	1961	10.9
1978	18514	3281	17.7	2088	11.3	2031	11.0	2009	10.9	1977	10.7	1962	10.6
1979	18311	3115	17.0	2008	11.0	1968	10.7	1938	10.6	1917	10.5	1891	10.3
1980	16227	1795	11.1	1756	10.8	1701	10.5	1679	10.3	1666	10.3	1652	10.2
1981	15789	1814	11.5	1723	10.9	1700	10.8	1685	10.7	1663	10.5	1639	10.4
1982	15626	2145	13.7	1951	12.5	1860	11.9	1823	11.7	1797	11.5	1766	11.3
1983	16553	1918	11.6	1865	11.3	1829	11.1	1805	10.9	1785	10.8	1770	10.7
1984	16664	2004	12.0	1857	11.1	1813	10.9	1779	10.7	1763	10.6	1749	10.5
1985	16524	2434	14.7	1902	11.5	1838	11.1	1793	10.9	1769	10.7	1751	10.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-38

LOCATION MT 200 - 1.0 mile W. of Jordan

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 33.6 % Pickups 46.2% Commercial 17.1 %

Month	Average Daily Number of Vehicles										
	Day of Week							Average Day	Average Weekday	Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	178	202	197	215	223	241	178	206	215	95.81	59.93
February	198	223	240	236	246	259	165	224	241	92.95	65.16
March	247	266	258	275	248	272	193	250	264	94.70	72.73
April	311	332	316	316	333	356	299	323	330	97.88	93.95
May	343	371	336	358	362	481	340	373	384	97.14	108.51
June	428	432	397	413	435	486	416	429	432	99.31	124.80
July	474	468	424	464	439	493	388	450	457	98.47	130.91
August	460	469	433	449	499	543	433	472	482	97.93	137.31
September	348	443	459	457	453	493	334	425	460	92.39	123.64
October	477	395	371	387	428	514	536	439	416	105.53	127.71
November	288	254	269	302	278	363	301	296	296	100.00	86.11
December	237	217	228	223	242	281	247	238	237	100.42	69.24
Daily average for year	332	339	327	341	349	399	319	344	351	98.01	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-38
Functional Class Principal Arterial

Route Montana 200, West of Jordan
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	331	73	22.1	59	17.8	56	16.9	54	16.3	53	16.0	52	15.7
1972	346	69	19.9	59	17.1	57	16.5	55	15.9	54	15.6	53	15.4
1973	371	82	22.1	68	18.3	60	16.2	57	15.4	55	14.8	53	14.3
1974	372	79	21.2	58	15.6	55	14.8	53	14.2	52	14.0	50	13.4
1975	363	79	21.8	60	16.5	57	15.7	55	15.2	53	14.6	52	14.3
1976	397	89	22.4	64	16.1	61	15.4	60	15.1	58	14.6	57	14.4
1977	412	104	25.2	67	16.3	63	15.3	61	14.8	59	14.3	58	14.1
1978	394	99	25.1	70	17.8	65	16.5	62	15.7	61	15.5	60	15.2
1979	364	68	18.7	62	17.0	58	15.9	54	14.8	52	14.3	51	14.0
1980	351	77	21.9	58	16.5	55	15.7	53	15.1	52	14.8	51	14.5
1981	376	80	21.3	63	16.8	59	15.7	57	15.2	55	14.6	53	14.1
1982	327	66	20.2	56	17.1	53	16.2	52	15.9	51	15.6	50	15.3
1983	358	70	19.6	60	16.8	56	15.6	54	15.1	52	14.5	51	14.3
1984	368	69	18.8	60	16.3	56	15.2	55	14.9	53	14.4	52	14.1
1985	344	71	20.6	57	16.6	55	16.0	53	15.4	52	15.1	51	14.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-39
LOCATION US 89 - 0.5 mile N. of Dupuyer

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 55.6 % Pickups 30.7 % Commercial 5.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
Jonuory	213	230	192	222	202	281	242	224	223	100.45	47.56
February	216	242	235	259	248	232	243	239	243	98.35	50.74
March	287	271	278	304	250	297	302	285	281	101.42	60.52
April	399	359	337	390	357	394	366	370	365	101.37	78.56
Moy	527	491	445	439	429	527	551	485	466	104.08	102.97
June	808	677	682	696	710	793	748	734	711	103.23	155.84
July	1,073	938	904	943	892	988	943	952	932	102.15	202.12
August	921	869	803	856	839	869	868	860	848	101.42	182.59
September	529	589	534	555	579	587	504	554	570	97.19	117.62
October	391	337	382	411	418	455	461	407	401	101.50	86.41
November	308	278	271	318	261	325	348	303	292	103.77	64.33
December	227	238	239	190	252	287	245	239	241	99.17	50.74
Daily overoge for year	492	460	442	465	453	503	485	471	464	101.51	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-39
Functional Class Minor Arterial

Route U.S. 89, North of Dupuyer
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	507	146	28.8	132	26.0	126	24.9	122	24.1	120	23.7	118	23.3
1972	511	163	31.9	134	26.2	129	25.2	126	24.7	123	24.1	121	23.7
1973	500	131	26.2	117	23.4	112	22.4	107	21.4	106	21.2	104	20.8
1974	467	179	38.3	129	27.6	109	23.3	105	22.5	101	21.6	98	21.0
1975	477	126	26.4	115	24.1	112	23.5	109	22.9	106	22.2	104	21.8
1976	529	147	27.8	130	24.6	123	23.3	120	22.7	118	22.3	116	21.9
1977	542	144	26.6	121	22.3	116	21.4	110	20.3	108	19.9	105	19.4
1978	520	164	31.5	123	23.7	117	22.5	115	22.1	112	21.5	111	21.3
1979	502	163	32.5	144	28.7	125	24.9	114	22.7	107	21.3	101	20.1
1980	501	124	24.8	118	23.6	111	22.2	106	21.2	104	20.8	102	20.4
1981	527	130	24.7	116	22.0	108	20.5	106	20.1	103	19.5	101	19.2
1982	517	220	42.6	132	25.5	112	21.7	106	20.5	105	20.3	103	19.9
1983	537	123	22.9	117	21.8	111	20.7	107	19.9	105	19.6	104	19.4
1984	511	124	24.3	108	21.1	105	20.6	102	20.0	100	19.6	99	19.4
1985	471	110	23.4	100	21.2	97	20.6	95	20.2	92	19.5	91	19.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-40 YEAR 1985

LOCATION Frontage Road - 2.5 miles N. of Wolf Creek

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	106	52	52	46	53	61	105	66	52	126.92	30.99
February	119	61	71	68	66	69	107	80	67	119.40	37.56
March	231	74	79	86	70	93	167	119	81	146.91	55.87
April	365	118	127	118	121	145	245	173	125	138.40	81.22
May	513	294	183	170	194	264	433	285	219	130.14	133.80
June	643	307	332	359	377	434	519	435	362	120.17	204.23
July	695	394	381	411	497	531	629	495	437	113.27	232.39
August	627	292	312	311	307	342	508	385	314	122.61	180.75
September	365	242	158	183	167	186	206	221	190	116.32	103.76
October	219	79	96	100	110	152	237	138	107	128.97	64.79
November	114	73	81	86	65	93	133	93	80	116.25	43.66
December	87	53	61	48	50	73	90	66	57	115.79	30.98
Daily average for year	340	170	161	166	173	204	282	213	174	122.41	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-40
Functional Class Major Collector

Route Wolf Creek Frontage Road
Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	137	55	40.1	41	29.9	39	28.5	36	26.3	35	25.5	32	23.3
1972	108	53	49.1	40	37.0	35	32.4	30	27.8	27	25.0	24	23.7
1973	145	67	46.2	55	37.9	50	34.5	45	31.0	43	30.0	41	20.8
1974	154	71	46.1	57	37.0	48	31.2	46	29.9	44	28.6	41	21.0
1975	136	69	50.7	56	41.2	49	36.0	46	33.8	44	32.4	41	21.8
1976	137	85	62.0	54	39.4	49	35.8	46	33.6	43	31.4	42	21.9
1977	159	70	44.0	57	35.8	53	33.3	50	31.4	49	30.8	48	19.4
1978	156	79	50.6	66	42.3	58	37.2	54	34.6	52	33.3	49	21.3
1979	Machine failure in September												
1980	171	70	40.9	59	34.5	56	32.7	51	29.8	47	27.5	45	20.1
1981	188	85	45.2	63	33.5	57	30.3	55	29.3	51	27.1	50	19.2
1982	190	85	44.7	67	35.3	64	33.7	61	32.1	58	30.5	55	28.9
1983	209	89	42.6	71	34.0	65	31.1	63	30.1	59	28.2	57	27.3
1984	223	112	50.2	75	33.6	69	30.9	67	30.0	64	28.7	61	27.3
1985	213	94	44.1	78	36.6	71	33.3	67	31.5	65	30.5	63	29.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-41

LOCATION I-90 - 7.5 miles E. of Livingston

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 48.3 % Pickups 22.1% Commercial 20.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3,552	2,744	2,854	3,056	3,114	3,785	3,266	3,178	3,097	102.62	66.66
February	3,736	3,339	3,045	3,193	3,630	3,823	3,390	3,451	3,406	101.32	72.39
March	4,463	2,973	3,311	3,709	3,839	4,509	3,916	3,863	3,708	104.18	81.03
April	4,799	3,834	3,877	4,173	4,482	5,524	4,445	4,408	4,331	101.78	92.46
May	5,048	4,754	4,393	4,375	4,682	5,655	5,012	4,851	4,789	101.29	101.75
June	6,953	5,669	5,676	5,954	6,116	7,149	6,563	6,328	6,113	103.52	132.74
July	7,687	6,319	6,197	6,663	6,508	7,345	6,860	6,758	6,579	102.72	141.76
August	7,399	6,422	6,204	6,341	6,472	7,475	7,096	6,796	6,618	102.69	142.55
September	5,688	5,425	5,137	5,108	5,317	5,851	5,432	5,432	5,370	101.15	113.94
October	5,238	3,878	3,987	4,363	4,723	5,983	5,306	4,742	4,557	104.06	99.46
November	3,908	3,335	3,554	4,103	3,748	4,335	3,906	3,860	3,840	101.30	80.96
December	3,984	3,279	3,099	2,947	3,471	4,042	4,038	3,542	3,351	105.70	74.30
Daily average for year	5,205	4,331	4,278	4,499	4,675	5,456	4,936	4,767	4,647	102.58	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-41
Functional Class Principal Arterial

Route I-90, East of Livingston
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	3030	562	18.5	437	14.4	407	13.4	397	13.1	393	13.0	385	12.7
1972	3296	539	16.4	467	14.2	454	13.8	441	13.4	432	13.1	421	12.8
1973	3518	524	14.9	483	13.7	468	13.3	455	12.9	445	12.6	438	12.5
1974	3519	564	16.0	495	14.1	468	13.3	459	13.0	448	12.7	436	12.4
1975	3645	588	16.1	491	13.5	473	13.0	460	12.6	453	12.4	449	12.3
1976	3940	620	15.7	573	14.5	520	13.2	506	12.8	498	12.6	491	12.5
1977	4055	645	15.9	558	13.7	536	13.2	526	13.0	521	12.8	512	12.6
1978	4296	684	15.9	602	14.0	568	13.2	550	12.8	542	12.6	536	12.5
1979	4068	634	15.6	530	13.0	484	11.9	467	11.5	460	11.3	454	11.2
1980	4054	592	14.6	552	13.6	514	12.7	492	12.1	480	11.8	472	11.6
1981	4490	689	15.3	589	13.1	559	12.4	547	12.2	530	11.8	525	11.7
1982	4442	716	16.1	614	13.8	589	13.3	574	12.9	566	12.7	549	12.4
1983	4622	799	17.3	655	14.2	600	13.0	583	12.6	571	12.4	561	12.1
1984	4755	742	15.6	652	13.7	622	13.1	599	12.6	584	12.3	576	12.1
1985	4767	747	15.7	648	13.6	616	12.9	596	12.5	586	12.3	578	12.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-42
LOCATION 26th St. N. Between 4th & 5th Aves. - Great Falls

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,957	3,166	2,753	3,165	3,153	3,322	2,664	2,896	3,100	93.42	92.52
February	1,919	2,988	3,118	3,144	3,189	3,248	2,746	2,907	3,137	92.67	92.87
March	2,179	3,151	3,245	3,191	3,196	3,385	2,805	2,999	3,241	92.53	95.81
April	2,402	3,526	3,601	3,509	3,476	3,664	3,136	3,346	3,556	94.09	106.90
May	2,538	3,411	3,902	3,842	3,919	4,149	3,336	3,622	3,861	93.81	115.72
June	2,580	3,876	3,886	3,974	4,007	4,152	3,442	3,656	3,979	91.88	116.80
July	2,525	3,742	3,653	3,795	3,453	3,705	2,993	3,441	3,678	93.56	109.93
August	2,533	3,537	3,542	3,509	3,510	3,647	3,098	3,347	3,552	94.23	106.93
September	2,348	3,247	3,580	3,533	3,324	3,595	2,986	3,202	3,446	92.92	102.30
October	1,833	2,385	2,720	2,697	2,759	2,904	2,586	2,571	2,697	95.33	82.14
November	1,636	2,336	2,641	2,756	2,423	2,880	2,378	2,448	2,620	93.44	78.21
December	2,154	3,256	3,387	3,393	3,381	3,426	3,010	3,126	3,368	92.81	99.87
Daily average for year	2,217	3,218	3,336	3,376	3,316	3,506	2,932	3,130	3,353	93.35	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-42
Functional Class Minor Arterial

Route 26th Street North in Great Falls
Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972	2424	433	17.9	299	12.3	282	11.6	276	11.4	270	11.1	267	11.0
1973	2439	379	15.5	291	11.9	278	11.4	272	11.2	269	11.0	266	10.9
1974	2338	316	13.5	283	12.1	273	11.7	267	11.4	264	11.3	261	11.2
1975	2706	425	15.7	307	11.3	300	11.1	295	10.9	293	10.8	289	10.7
1976	2932	360	12.3	324	11.1	317	10.8	311	10.6	309	10.5	307	10.5
1977	3037	370	12.2	335	11.0	330	10.9	324	10.7	321	10.6	318	10.5
1978	2850	367	12.9	335	11.8	326	11.4	318	11.2	314	11.0	310	10.9
1979	2997	389	13.0	350	11.7	341	11.4	333	11.1	328	10.9	326	10.8
1980	Out of service in January												
1981	2852	392	13.7	325	11.4	315	11.0	310	10.9	306	10.7	304	10.6
1982	2860	872*	30.5	338	11.8	329	11.5	322	11.3	318	11.1	315	11.0
1983	3059	402	13.1	366	12.0	354	11.6	348	11.4	343	11.2	338	11.1
1984	3173	431	13.6	385	12.1	374	11.8	362	11.4	358	11.3	354	11.2
* Demolition Day - The day the stack came down - 9-18-82 - 9A-10A													
1985	3130	522	16.7	407	13.0	394	12.6	385	12.8	375	12.0	368	11.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-43 YEAR 1985

LOCATION US 191 - 1.5 miles N. of MT 64 (Big Sky)

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 38.8 % Pickups 31.7% Commercial 19.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,657	1,342	1,367	1,371	1,407	1,738	1,743	1,504	1,436	104.74	84.52
February	1,768	1,497	1,362	1,458	1,477	1,573	1,746	1,554	1,473	105.50	87.33
March	1,925	1,383	1,484	1,455	1,454	1,817	1,815	1,641	1,532	107.11	92.22
April	1,560	1,216	1,128	1,215	1,215	1,409	1,576	1,321	1,231	107.31	74.23
May	1,576	1,549	1,431	1,430	1,416	1,647	1,544	1,512	1,495	101.14	84.96
June	2,414	2,048	2,038	2,122	2,194	2,540	2,451	2,270	2,188	103.75	127.56
July	2,929	2,518	2,391	2,416	2,499	2,781	2,888	2,613	2,511	104.06	146.84
August	2,715	2,421	2,380	2,503	2,495	2,655	2,716	2,561	2,498	102.52	143.92
September	1,897	1,811	1,736	1,773	1,786	1,900	1,715	1,806	1,802	100.22	101.49
October	1,617	1,401	1,441	1,573	1,563	1,893	1,681	1,589	1,568	101.34	89.30
November	1,195	1,217	1,358	1,494	1,306	1,492	1,387	1,356	1,379	98.33	76.20
December	1,634	1,602	1,491	1,209	1,598	2,031	1,861	1,627	1,582	102.84	91.43
Daily average for year	1,907	1,667	1,634	1,668	1,701	1,956	1,927	1,780	1,725	103.19	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-43
Functional Class Principal Arterial

Route U.S. 191, 1.5 miles N. of MT 64 (Big Sky)
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972	1240	220	17.7	201	16.2	192	15.5	188	15.2	184	14.8	180	14.5
1973	1262	259	20.5	228	18.1	210	16.6	206	16.3	201	15.9	197	15.6
1974	1217	239	19.6	213	17.5	206	16.9	199	16.4	193	15.9	187	15.4
1975	1178	256	21.7	217	18.4	207	17.6	194	16.5	186	15.8	177	15.0
1976	1309	284	21.7	249	19.0	233	17.8	219	16.7	212	16.2	202	15.4
1977	1352	267	19.7	233	17.2	219	16.2	213	15.8	210	15.5	205	15.2
1978	1418	274	19.3	243	17.1	229	16.1	219	15.4	214	15.1	211	14.9
1979	1321	268	20.3	208	15.7	198	15.0	191	14.5	189	14.3	183	13.9
1980	1320	231	17.5	209	15.8	202	15.3	191	14.5	188	14.2	183	13.9
1981	1483	259	17.5	231	15.6	219	14.8	215	14.5	210	14.2	207	14.0
1982	1492	302	20.2	246	16.5	235	15.8	227	15.2	217	14.5	212	14.2
1983	1677	277	16.5	247	14.7	238	14.2	235	14.0	232	13.8	230	13.7
1984	1692	345	20.4	275	16.3	253	15.0	246	14.5	240	14.2	232	13.7
1985	1780	321	18.0	268	15.1	258	14.5	250	14.0	242	13.6	236	13.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-44

YEAR 1985

LOCATION Big Mountain Road

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2,291	1,303	1,872	1,897	1,850	2,521	3,333	2,125	1,886	112.67	
February	2,927	1,672	1,881	2,085	2,170	2,973	3,754	2,494	2,156	115.68	
March	2,749	1,561	1,603	1,542	1,652	2,401	3,352	2,192	1,783	122.94	
April	1,220	830	699	783	739	1,157	1,407	962	834	115.35	
May	188	200	221	248	244	259	178	223	236	94.49	
June	308	393	401	418	503	485	344	402	440	91.36	
July	540	584	629	621	600	607	560	594	609	97.54	
August	787	687	781	757	716	825	790	763	753	101.33	
September	No Longer Being Used										
October											
November											
December											
Daily average for year											

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-44
Functional Class Major Collector

Route Big Mountain Ski Road
Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974	575	478	83.1	371	64.5	282	49.0	254	44.1	222	38.6	194	33.7
1975	598	629	105.2	422	70.6	377	63.0	319	53.3	292	48.8	266	44.5
1976	690	598	98.2	526	86.4	446	73.2	399	65.5	359	58.9	329	54.0
1977	820	451	55.0	390	47.6	344	42.0	315	38.4	282	34.4	266	32.4
1978	786	633	80.5	478	60.8	416	52.9	367	46.7	341	43.4	319	40.6
1979	737	836	113.4	510	69.2	446	60.5	371	50.3	338	45.9	313	42.5
1980	700	694	99.1	528	75.4	449	64.1	385	55.0	359	51.3	326	46.6
1981	673	575	85.4	400	59.4	321	47.7	282	41.9	260	38.6	242	36.0
1982	Out of service 12-1 to 12-15-82												
1983	1037	681	65.7	552	53.2	482	46.5	424	40.9	379	36.6	348	33.6
1984	1082	764	70.6	666	61.6	565	52.2	502	46.4	461	42.6	425	39.9
1985													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-45 YEAR 1985

LOCATION Hungry Horse Dam Road

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	48	24	19	21	19	17	38	26	20	130.00	9.52
February	81	26	23	20	22	20	47	34	22	154.55	12.45
March	161	57	73	43	56	51	98	80	56	142.86	29.30
April	227	83	69	70	73	82	143	104	75	138.67	38.08
May	572	320	174	150	171	211	351	268	201	133.33	98.14
June	776	440	419	406	406	425	589	502	411	122.14	183.83
July	1,128	787	768	808	846	840	1,053	880	807	109.05	322.25
August	945	688	674	638	653	636	754	710	657	108.07	259.98
September	470	379	294	327	280	233	332	337	306	110.13	123.41
October	303	174	179	167	162	170	277	201	170	118.24	73.60
November	133	79	78	75	70	85	108	90	78	115.38	32.96
December	50	53	41	39	49	47	34	45	46	97.83	16.48
Daily average for year	408	256	234	230	234	235	319	273	237	115.19	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-45
Functional Class Minor Collector

Route Hungry Horse Dam Road
Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976	434	210	48.4	145	33.4	138	31.8	131	30.2	124	28.6	119	27.4
1977	360	192	53.3	159	44.2	137	38.1	130	36.1	123	34.2	117	32.5
1978	342	203	59.4	154	45.0	137	40.1	127	37.1	121	35.4	117	34.2
1979	310	142	45.8	123	39.7	111	35.8	105	33.9	100	32.2	97	31.3
1980	300	158	52.7	126	42.0	113	37.7	110	36.7	104	34.7	102	34.0
1981	333	167	50.2	132	39.6	121	36.3	112	33.6	110	33.0	106	31.8
1982	295	165	55.9	134	45.4	124	42.0	116	39.3	112	38.0	107	36.3
1983	295	169	57.3	135	45.8	123	41.7	115	39.0	108	36.6	105	35.6
1984	272	146	53.7	124	45.6	112	41.2	107	39.3	102	37.5	97	35.7
1985	273	147	53.8	120	43.9	111	40.7	109	39.9	104	38.1	103	37.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-46 YEAR 1985

LOCATION US 2 - 9.0 miles W. of Havre

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 51.6 % Pickups 35.6 % Commercial 9.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	723	907	834	881	911	1,092	880	888	918	96.73	72.10
February	742	893	967	1,077	1,056	1,037	907	954	1,006	94.83.	77.46
March	1,021	1,093	1,098	1,114	1,147	1,219	1,142	1,120	1,138	98.42	90.94
April	1,213	1,259	1,231	1,160	1,197	1,347	1,145	1,223	1,239	98.71	99.31
May	1,287	1,409	1,455	1,405	1,445	1,600	1,376	1,431	1,465	97.68	116.19
June	1,731	1,558	1,582	1,674	1,661	1,823	1,630	1,666	1,659	100.42	135.29
July	1,802	1,905	1,782	1,881	1,871	1,950	1,662	1,838	1,875	98.03	149.24
August	1,588	1,579	1,513	1,593	1,609	1,718	1,513	1,590	1,608	98.88	129.10
September	1,179	1,293	1,310	1,309	1,274	1,402	1,209	1,279	1,316	97.19	103.85
October	990	975	1,088	1,202	1,207	1,404	1,166	1,149	1,174	97.87	93.30
November	789	832	879	1,048	926	1,157	939	946	977	96.83	76.81
December	783	985	985	845	977	1,085	946	941	976	96.41	76.41
Daily average for year	1,154	1,224	1,227	1,266	1,273	1,403	1,210	1,252	1,279	97.89	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-46
Functional Class Principal Arterial

Route U.S. 2, West of Havre
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	1318	233	17.7	197	14.9	178	13.5	173	13.1	169	12.8	164	12.4
1981	1427	236	16.5	201	14.1	189	13.2	182	12.8	176	12.3	173	12.1
1982	1346	252	18.7	194	14.4	187	13.9	183	13.6	179	13.3	176	13.1
1983	1382	222	16.1	200	14.5	194	14.0	189	13.7	184	13.3	180	13.0
1984	1326	191	14.4	171	12.9	165	12.4	160	12.1	158	11.9	157	11.8
1985	1252	201	16.1	177	14.1	167	13.3	164	13.1	158	12.6	157	12.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-47 YEAR 1985

LOCATION US 93 - 1.0 mile N. of Florence

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 56.2 % Pickups 34.2% Commercial 7.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3,170	4,011	3,701	4,041	4,124	4,630	4,270	3,989	4,082	97.72	79.17
February	3,498	4,150	4,238	4,251	4,261	4,584	4,191	4,167	4,297	96.97	82.70
March	4,201	4,629	4,749	4,729	4,771	5,300	4,863	4,753	4,858	97.84	94.33
April	4,647	4,943	5,051	5,192	5,111	5,600	5,275	5,109	5,162	98.97	101.40
May	5,008	5,100	5,214	5,316	5,407	6,061	5,452	5,388	5,442	99.01	106.94
June	5,088	5,597	5,577	5,776	5,764	6,302	5,623	5,654	5,803	97.43	112.21
July	5,354	5,921	5,926	6,193	5,778	6,370	5,757	5,911	6,034	97.96	117.32
August	5,340	5,889	5,935	5,866	6,105	6,699	6,061	6,014	6,126	98.17	119.36
September	4,809	5,205	5,533	5,546	5,657	6,015	5,584	5,447	5,573	97.74	108.11
October	4,416	4,696	5,048	5,089	5,275	6,046	5,368	5,134	5,218	98.39	101.88
November	3,853	4,536	4,526	4,744	4,536	4,967	4,419	4,525	4,676	96.77	89.81
December	3,653	4,581	4,366	4,137	4,536	5,011	4,446	4,372	4,521	96.70	86.77
Daily average for year	4,420	4,938	4,989	5,073	5,110	5,632	5,110	5,039	5,149	97.86	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-47
Functional Class Principal Arterial

Route U.S. 93, South of Florence
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	4436	511	11.5	488	11.0	475	10.7	465	10.5	460	10.4	455	10.3
1981	4491	558	12.4	489	10.9	481	10.7	471	10.5	464	10.3	458	10.2
1982	4357	516	11.8	474	10.9	468	10.7	460	10.6	453	10.4	447	10.3
1983	4838	587	12.1	545	11.3	529	10.9	521	10.8	516	10.7	510	10.5
1984	5000	575	11.5	537	10.7	524	10.5	515	10.3	509	10.2	504	10.1
1985	5039	574	11.4	543	10.8	526	10.4	519	10.3	514	10.2	509	10.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-48 YEAR 1985

LOCATION US 287 - 6.7 miles W. of Jct. US 191 (Hebgen Dam)

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 46.4 % Pickups 30.2% Commercial 1.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	67	31	37	36	40	60	67	47	40	117.50	12.85
February	82	53	39	43	51	74	77	60	52	115.38	16.40
March	107	52	50	51	54	70	80	68	56	121.43	18.59
April	179	76	78	67	75	81	152	100	76	131.58	27.34
May	492	312	226	228	253	277	442	312	258	120.93	85.31
June	860	608	648	630	689	710	758	708	657	107.76	193.57
July	1,291	1,106	1,131	1,145	1,179	1,237	1,317	1,194	1,155	103.38	326.45
August	1,187	1,015	1,010	1,029	1,034	1,061	1,131	1,067	1,031	103.49	291.73
September	595	508	496	499	435	453	454	495	480	103.13	135.34
October	224	117	130	134	138	180	223	161	139	115.83	44.02
November	146	94	107	101	114	122	161	122	108	112.96	33.36
December	95	44	38	39	47	53	69	55	44	125.00	15.04
Daily overage for year	444	335	333	334	342	365	411	366	341	107.33	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-48
Functional Class ~~Minor Arterial~~

Route U.S. 287, East of Hebgen Dam
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	312	128	41.0	113	36.2	103	33.0	102	32.7	99	31.7	97	31.1
1981	373	155	41.6	134	35.9	125	33.5	121	32.4	117	31.4	116	31.1
1982	373	159	42.6	146	39.1	139	37.3	133	35.7	129	34.6	126	33.8
1983	382	175	45.8	138	36.1	131	34.3	128	33.5	126	33.0	124	32.5
1984	373	156	41.8	136	36.5	130	34.9	128	34.3	122	32.7	120	32.2
1985	366	147	40.2	133	36.3	123	33.6	120	32.8	117	31.9	115	31.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-49

LOCATION MT 39 - 0.5 mile S. of I-94

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 47.9 % Pickups 36.6% Commercial 15.3 %

Month	Average Daily Number of Vehicles										
	Day of Week							Average Day	Average Weekday	Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	463	786	646	726	772	922	779	726	763	95.15	77.12
February	528	804	795	792	858	998	914	812	849	95.64	86.25
March	553	780	775	859	837	999	774	794	857	92.65	84.34
April	734	955	982	941	1,026	1,114	871	947	1,000	94.70	100.59
May	827	1,008	1,074	1,078	1,113	1,297	1,107	1,081	1,120	96.52	114.82
June	830	1,129	1,111	1,154	1,182	1,319	979	1,088	1,179	92.28	115.57
July	764	1,169	1,113	1,149	986	1,213	828	1,043	1,128	92.46	110.79
August	790	1,209	1,272	1,271	1,233	1,367	941	1,157	1,273	90.89	122.90
September	681	1,049	1,144	1,109	1,132	1,264	980	1,039	1,135	91.54	110.37
October	742	949	962	1,016	1,052	1,248	1,006	998	1,041	95.87	106.01
November	528	769	827	948	804	987	763	808	873	92.55	85.85
December	561	866	797	765	847	961	876	804	846	95.04	85.40
Daily average for year	667	956	958	984	987	1,141	902	941	1,005	93.63	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-49
Functional Class Minor Arterial

Route Mont. 39, Just South of I-94
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	1186	303	25.5	256	21.6	237	20.0	216	18.2	202	17.0	189	15.9
1981	1394	457	32.8	347	24.9	291	20.9	256	18.4	236	16.9	229	16.4
1982	1752	495	28.3	448	25.6	410	23.4	371	21.2	330	18.8	320	18.3
1983	1705	404	23.7	390	22.9	368	21.6	344	20.2	309	18.1	294	17.2
1984	1166	263	22.6	237	20.3	214	18.4	200	17.2	188	16.1	177	15.2
1985	941	177	18.8	152	16.2	141	15.0	134	14.2	131	13.9	129	13.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-50 YEAR 1985

LOCATION Main St. between Milton Rd. & Hansen Ln. - Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	16,619	23,216	20,622	23,287	23,767	27,731	22,473	22,533	23,573	95.59	81.31
February	17,089	24,488	25,456	25,834	27,309	27,179	23,810	24,452	26,053	93.85	88.24
March	19,368	26,125	25,998	26,902	27,486	30,100	25,765	25,877	27,454	94.26	93.38
April	21,827	30,299	29,995	29,490	29,830	33,234	29,242	29,199	30,531	95.64	105.37
May	22,123	27,658	30,744	30,741	30,988	34,542	29,067	29,668	31,085	95.44	107.06
June	21,995	31,431	31,493	31,135	31,413	34,293	29,810	29,936	31,953	93.69	108.03
July	20,904	29,750	30,038	30,582	28,086	31,581	27,143	28,474	30,023	94.84	102.75
August	21,982	30,895	30,717	30,731	31,006	33,707	27,954	29,698	31,497	94.29	107.17
September	20,909	28,737	30,584	30,114	30,171	33,467	29,310	28,760	30,525	94.22	103.79
October	22,125	29,014	30,217	30,749	32,072	35,867	30,609	30,182	31,509	95.79	108.92
November	19,283	26,612	28,575	29,331	26,160	31,078	26,101	26,858	28,481	94.30	96.92
December	19,612	28,764	28,455	24,992	28,283	31,390	27,737	26,895	28,398	94.71	97.06
Daily average for year	20,320	28,082	28,575	28,657	28,881	32,014	27,418	27,711	29,257	94.72	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-50
Functional Class Principal Arterial

Route Main Street - Billings
Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	25085	2468	9.8	2400	9.6	2359	9.4	2333	9.3	2303	9.2	2290	9.1
1982	25471	2635	10.3	2547	10.0	2498	9.8	2469	9.7	2449	9.6	2431	9.5
1983	26795	2880	10.8	2747	10.3	2701	10.1	2638	9.9	2614	9.8	2602	9.7
1984	27925	2889	10.4	2772	9.9	2732	9.8	2682	9.6	2664	9.5	2651	9.5
1985	27711	3124	11.3	3003	10.8	2905	10.5	2866	10.3	2822	10.2	2794	10.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-51

LOCATION Broadwater between 22nd St. & Gay Place - Billings

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
Jonuory	LOOP was out this month							*12,234	*12,604	97.06	85.32
February	10,583	13,419	13,731	14,377	14,266	15,082	14,412	13,503	13,905	97.11	94.17
March	11,268	14,356	14,121	15,162	14,873	16,380	15,011	14,329	14,895	96.20	99.93
April	11,693	15,472	15,363	15,882	15,757	17,470	16,228	15,314	15,806	96.89	106.80
Moy	11,480	14,205	15,820	15,951	16,210	17,815	15,399	15,392	16,071	15.77	107.34
June	11,453	15,981	15,841	15,882	16,043	17,570	15,154	15,286	16,277	93.91	106.60
July	10,820	15,505	15,386	15,952	14,329	16,321	13,950	14,682	15,481	94.84	102.39
August	11,318	15,863	15,660	15,803	16,112	17,179	14,616	15,309	15,192	94.55	106.77
September	10,858	14,094	15,270	15,916	15,240	16,835	14,838	14,488	15,286	94.78	101.04
October	10,772	13,794	14,134	15,291	15,031	16,713	14,959	14,349	14,865	96.53	100.07
November	9,727	12,910	13,394	14,809	11,792	14,705	13,692	12,961	13,402	96.71	90.39
December	11,232	15,184	14,774	13,885	14,540	16,219	15,338	14,221	14,698	96.75	99.18
Daily average for yeor				12,633				14,339	14,957	95.87	

*Estimated

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-51

Functional Class Minor Arterial

Route Broadwater Ave. - Billings

Traffic Type Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	13058	1562	12.0	1415	10.8	1363	10.4	1320	10.1	1296	9.9	1280	9.8
1982	13252	1504	11.3	1423	10.7	1397	10.5	1383	10.4	1364	10.3	1352	10.2
1983	13579	1490	11.0	1443	10.6	1421	10.5	1402	10.3	1392	10.3	1375	10.1
1984	13579	1560	11.5	1447	10.7	1404	10.3	1393	10.3	1385	10.2	1374	10.1
1985	14339	1575	11.0	1500	10.5	1476	10.3	1451	10.1	1437	10.0	1423	9.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-52 YEAR 1985

LOCATION Old Hardin Road between Peters & Piccolo - Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	4,995	6,110	5,601	6,110	6,084	6,769	6,067	5,959	6,108	97.56	88.23
February	5,046	6,291	6,378	6,384	6,496	6,650	6,216	6,209	6,440	96.41	91.93
March	5,431	6,410	6,446	6,543	6,661	7,219	6,551	6,459	6,682	96.66	95.63
April	6,139	7,272	7,283	7,196	7,256	7,783	7,513	7,210	7,351	98.08	106.75
May	6,060	7,008	7,462	7,483	7,528	8,338	7,415	7,372	7,593	97.09	109.15
June	5,956	7,675	7,694	7,767	7,799	8,302	7,457	7,467	7,847	95.16	110.56
July	5,791	7,559	7,407	7,585	7,188	7,768	6,940	7,210	7,503	96.09	106.75
August	5,982	7,595	7,558	7,504	7,403	8,120	7,075	7,340	7,648	95.97	108.67
September	5,647	6,896	7,136	7,163	7,107	7,697	7,151	6,924	7,185	96.37	102.52
October	5,724	6,636	6,881	7,055	7,135	7,804	7,034	6,908	7,092	85.98	102.27
November	4,612	6,041	5,841	5,928	5,764	6,198	5,709	5,743	5,966	96.26	85.03
December	5,128	6,537	6,694	5,918	6,267	6,837	6,453	6,248	6,466	96.63	92.51
Daily average for year	5,543	6,586	6,865	6,886	6,891	7,457	6,798	6,754	6,990	96.62	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-52
Functional Class Major Collector

Route Old Hardin Road - Billings
Traffic Type Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	5945	645	10.8	621	10.4	612	10.3	603	10.1	599	10.1	593	10.0
1982	6164	784	12.7	697	11.3	677	11.0	669	10.9	665	10.8	659	10.7
1983	6374	768	12.1	723	11.3	709	11.1	690	10.8	682	10.7	674	10.6
1984	6664	792	11.9	748	11.2	733	11.0	720	10.8	711	10.7	705	10.6
1985	6754	824	12.2	782	11.6	756	11.2	748	11.1	743	11.0	738	10.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-53
LOCATION US 12 - 4.0 miles E. of I-94

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 43.8 % Pickups 32.9% Commercial 18.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	318	403	394	406	406	478	421	403	415	97.11	74.24
February	360	408	477	475	482	533	471	458	475	96.42	84.37
March	366	413	472	477	410	524	428	441	462	95.45	81.24
April	504	530	547	507	494	541	501	519	525	98.86	95.61
May	580	564	573	550	551	692	610	589	587	100.34	108.50
June	669	681	673	686	664	725	635	675	686	98.40	124.36
July	600	638	665	656	640	682	577	638	656	97.26	117.53
August	717	687	696	660	688	746	636	690	697	99.00	127.11
September	531	554	601	567	556	623	531	564	579	97.41	103.90
October	623	546	587	572	590	683	644	604	594	101.68	111.27
November	457	450	505	514	519	613	520	515	525	98.10	94.87
December	378	416	418	417	389	470	448	418	421	99.29	77.00
Daily average for year	509	524	551	541	532	609	535	543	552	98.37	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-53
Functional Class Principal Arterial

Route U.S. 12, East of Miles City
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	583	123	21.1	76	13.0	70	12.0	64	11.0	61	10.5	60	10.3
1982	535	86	16.1	75	14.0	71	13.3	69	12.9	67	12.5	66	12.3
1983	573	95	16.6	83	14.5	79	13.8	76	13.3	74	12.9	73	12.7
1984	581	178	30.6	120	20.7	82	14.1	78	13.4	76	13.1	74	12.7
1985	543	104	19.2	80	14.7	72	13.3	68	12.5	66	12.2	65	12.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-54

LOCATION 19th St. W. between Wyoming & Yellowstone Aves. - Billings

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	3,500	5,264	4,679	5,524	5,368	6,139	4,960	5,074	5,386	94.52	85.71
February	3,531	5,243	5,610	5,704	5,751	5,763	4,869	5,210	5,614	92.80	88.01
March	4,016	5,750	5,861	5,958	6,057	6,651	5,606	5,673	6,084	93.24	95.84
April	4,314	6,521	6,737	6,572	6,712	7,133	6,223	6,337	6,725	94.23	107.04
May	4,382	6,041	6,764	6,674	6,899	7,597	6,042	6,412	6,829	93.89	108.31
June	4,435	6,824	6,867	6,944	6,937	7,317	6,128	6,412	6,978	91.89	108.31
July	4,177	6,471	6,646	6,717	6,025	6,664	5,336	6,064	6,518	93.03	102.43
August	4,230	6,445	6,537	6,476	6,767	6,979	5,518	6,164	6,662	92.52	104.12
September	4,078	5,967	6,571	6,600	6,470	7,076	5,780	6,007	6,510	92.27	101.48
October	4,230	6,254	6,452	6,536	6,596	7,371	6,006	6,237	6,627	94.11	105.36
November	3,892	5,979	6,143	6,313	4,958	6,405	5,292	5,587	5,981	93.41	94.39
December	4,313	6,532	6,499	5,351	6,083	6,613	5,817	5,861	6,243	93.88	99.00
Daily average for year	4,092	6,108	6,283	6,281	6,219	6,809	5,631	5,920	6,345	93.30	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-54
Functional Class Collector

Route 19th St. W., between Wyoming & Yellowstone Ave. in
Traffic Type Urban Billings.

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981				Counter was installed May 1983									
1983		702		617		603		586		579		571	
1984	5451	875	16.1	664	12.2	651	11.9	637	11.7	630	11.6	622	11.4
1985	5920	861	14.5	727	12.3	710	12.0	698	11.8	685	11.6	679	11.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-59

LOCATION US 12 - 1.3 miles W. of Helena

YEAR 1985

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars 58.4 % Pickups 33.3% Commercial 6.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2,960	3,353	2,949	3,309	3,235	3,741	3,207	3,242	3,298	98.30	80.09
February	3,127	3,488	3,349	3,454	3,338	3,489	3,081	3,332	3,423	97.31	82.31
March	3,582	3,730	3,543	3,690	3,669	4,109	3,530	3,698	3,765	98.22	91.36
April	3,949	4,120	3,739	3,951	3,817	4,566	3,863	3,996	4,029	99.18	98.72
May	4,324	4,318	4,011	4,158	4,163	5,098	4,580	4,388	4,366	100.50	108.40
June	4,934	4,769	4,575	4,716	4,663	5,531	4,662	4,833	4,851	99.63	119.39
July	5,351	5,082	4,857	5,191	4,788	5,700	4,846	5,109	5,113	99.92	126.21
August	5,399	5,091	4,828	4,917	4,868	5,721	5,107	5,143	5,104	100.76	127.05
September	4,277	4,356	4,288	4,263	4,291	4,891	4,200	4,363	4,415	98.82	107.78
October	3,902	3,634	3,511	3,802	3,891	4,713	4,182	3,927	3,887	101.03	97.01
November	3,013	3,305	3,194	3,651	3,126	3,765	3,088	3,314	3,425	96.76	81.86
December	3,148	3,375	3,088	2,951	3,204	3,539	3,330	3,231	3,231	100.00	79.82
Daily average for year	3,997	4,052	3,828	4,004	3,921	4,405	3,973	4,048	4,076	99.31	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-59

Functional Class Principal Arterial

Route U.S. 2, 1.3 miles W. of Helena

Traffic Type Primary Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1983	3787	610	16.1	501	13.2	482	12.7	467	12.3	457	12.1	443	11.7
1984	3957	991	25.0	489	12.4	475	12.0	462	11.7	456	11.5	452	11.4
1985	4048	578	14.3	506	12.5	479	11.8	470	11.6	461	11.4	454	11.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-60 YEAR 1985

LOCATION US 2 - S. of Martin City

FACTORS INFLUENCING THE TRAFFIC PATTERN

Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles										
	Day of Week							Average Day	Average Weekday	Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,910	2,163	1,931	2,054	2,148	2,409	2,087	2,095	2,128	98.45	52.77
February	2,252	2,161	2,110	2,267	2,214	2,348	2,441	2,256	2,220	101.62	56.84
March	2,795	2,570	2,534	2,514	2,450	2,878	2,581	2,630	2,603	101.04	66.26
April	3,167	3,107	3,037	2,949	2,953	3,311	3,174	3,098	3,071	100.88	78.05
Moy	4,484	4,244	3,729	3,728	3,868	4,664	4,124	4,117	4,052	101.60	103.72
June	6,144	5,179	5,072	5,225	5,220	5,932	5,826	5,546	5,326	104.13	139.72
July	7,966	7,182	6,755	6,995	7,195	7,756	7,613	7,315	7,151	102.29	184.28
August	7,532	6,637	6,161	6,189	6,332	6,940	7,023	6,695	6,469	103.49	168.66
September	5,020	4,812	4,577	4,667	4,476	5,009	4,722	4,765	4,713	101.10	120.04
October	3,945	3,540	3,700	3,688	3,873	4,565	4,187	3,911	3,858	101.37	98.53
November	2,402	2,697	2,761	2,827	2,583	3,079	2,812	2,751	2,803	98.14	69.31
December	2,095	2,599	2,545	2,299	2,496	2,774	2,402	2,454	2,545	96.42	61.82
Daily average for year	4,143	3,908	3,743	3,784	3,817	4,305	4,083	3,969	3,912	101.46	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-60
Functional Class Principal Arterial

Route U.S. 2, Martin City
Traffic Type Primary Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981													
1982	3549	737	20.8	660	18.6	643	18.1	628	17.7	623	17.6	612	17.2
1983	3922	765	19.5	723	18.4	693	17.7	673	17.2	662	16.9	656	16.7
1984	3967	769	19.4	682	17.2	663	16.7	647	16.3	638	16.1	631	15.9
1985	3969	738	18.6	689	17.4	658	16.6	644	16.2	634	16.0	626	15.8